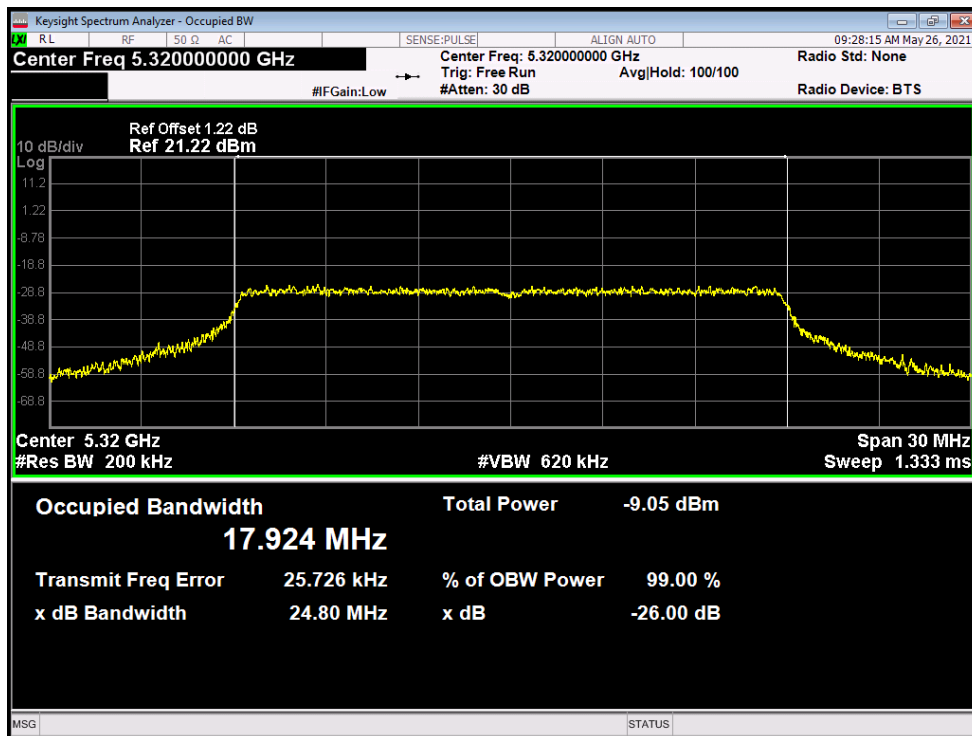
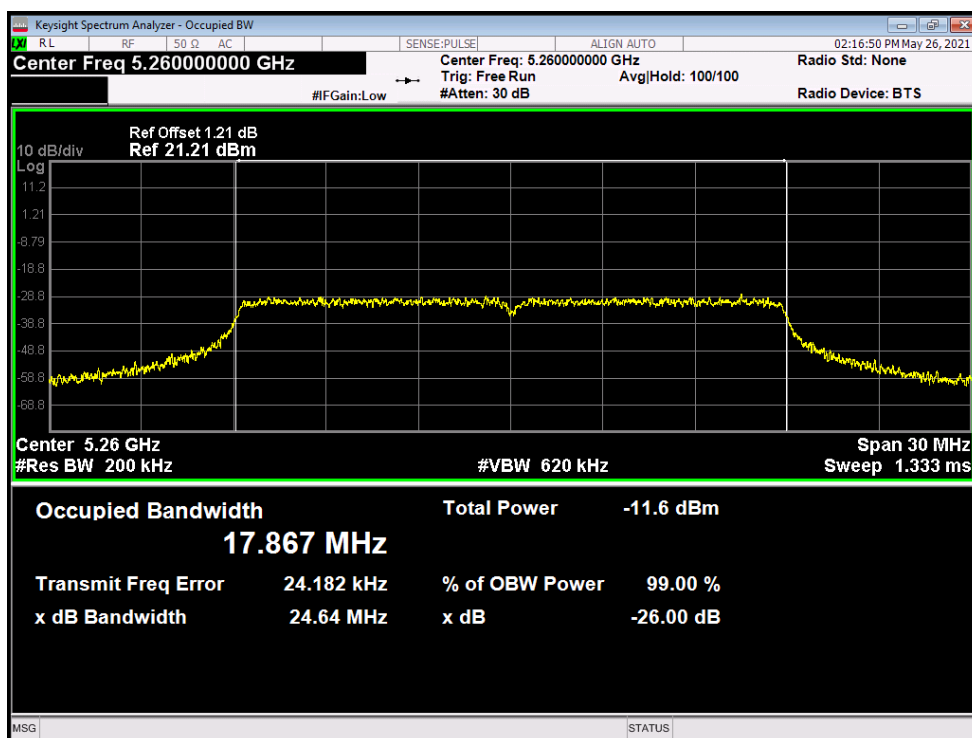
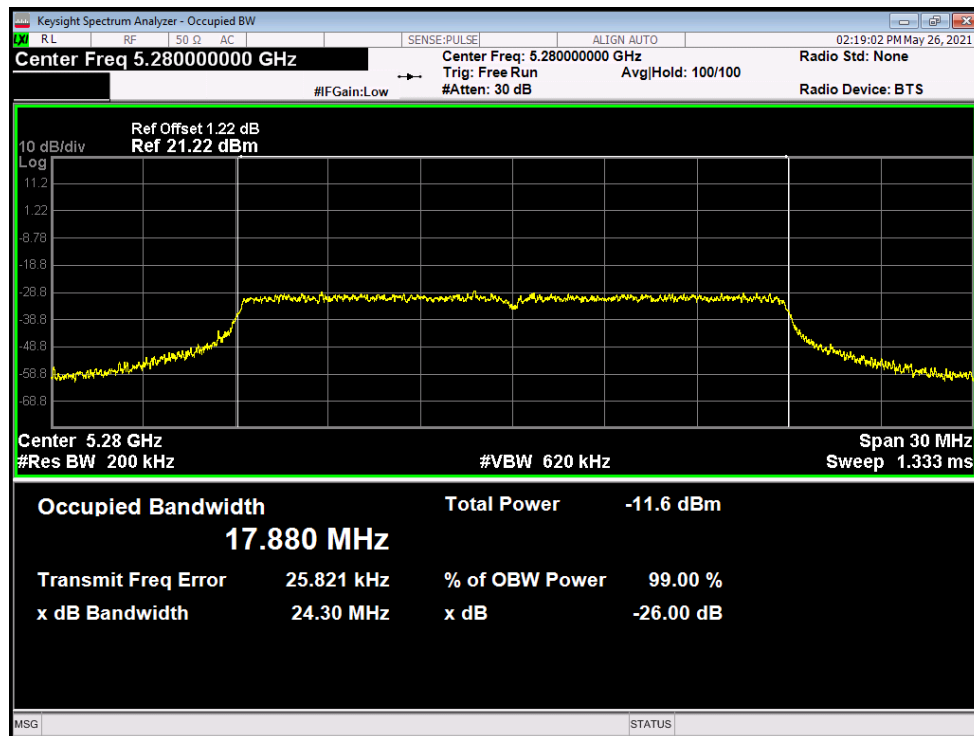




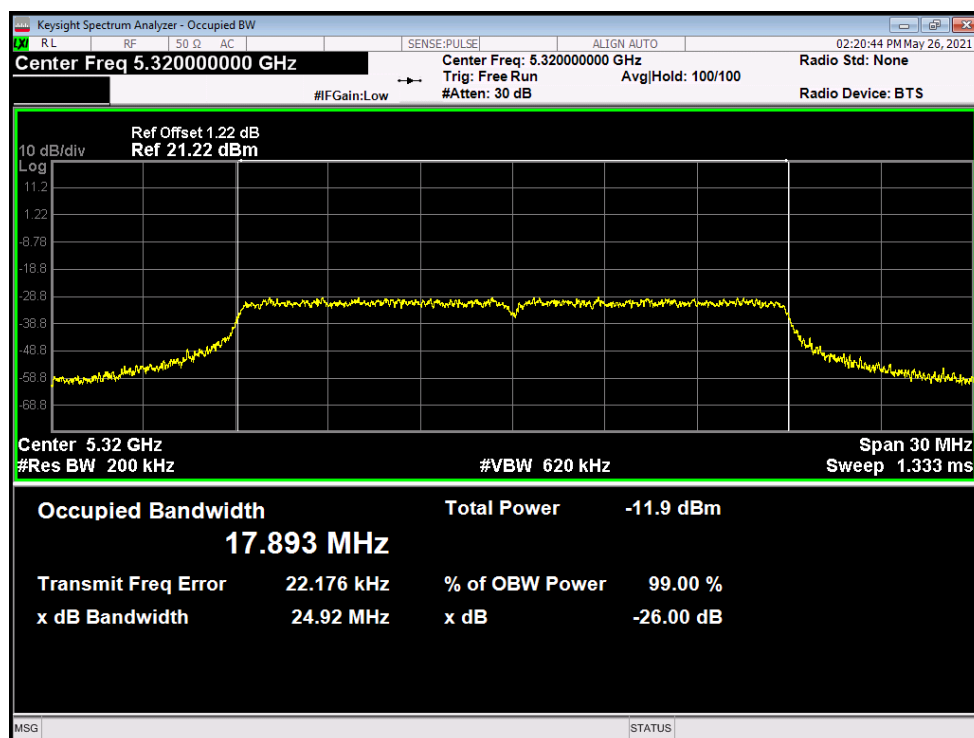
OBW NVNT ac20 5260MHz Ant2



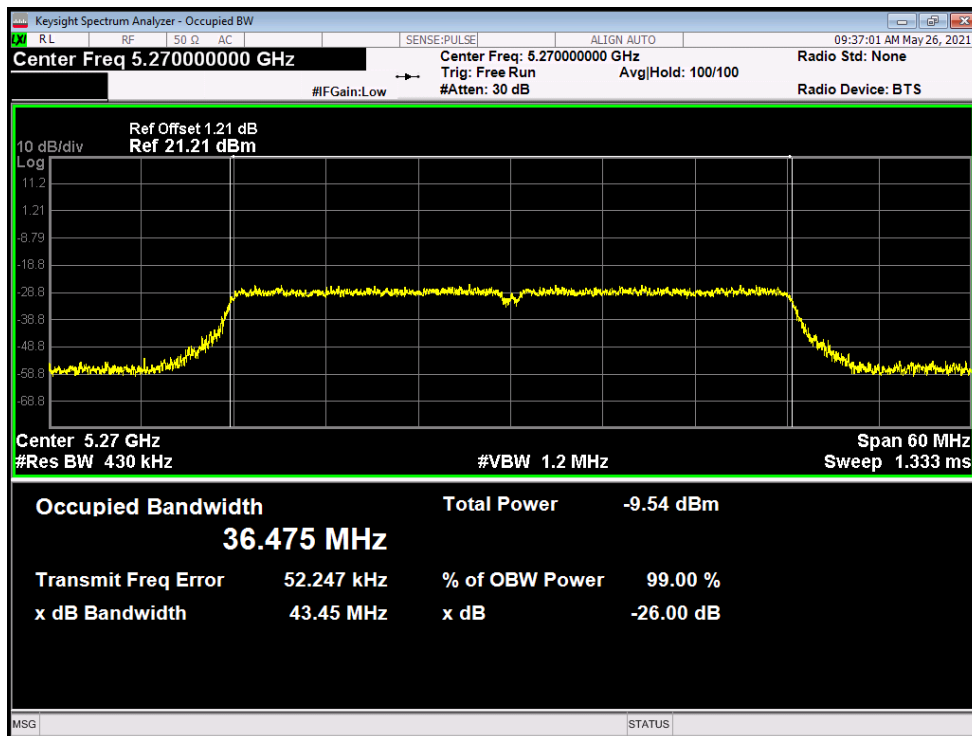
OBW NVNT ac20 5280MHz Ant2



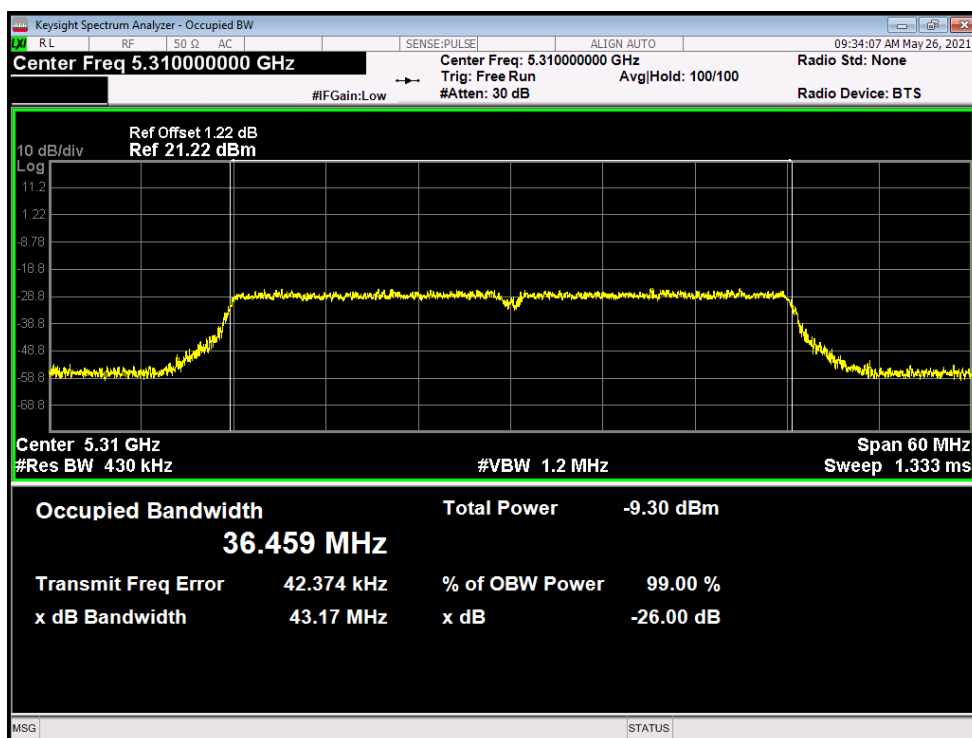
OBW NVNT ac20 5320MHz Ant2



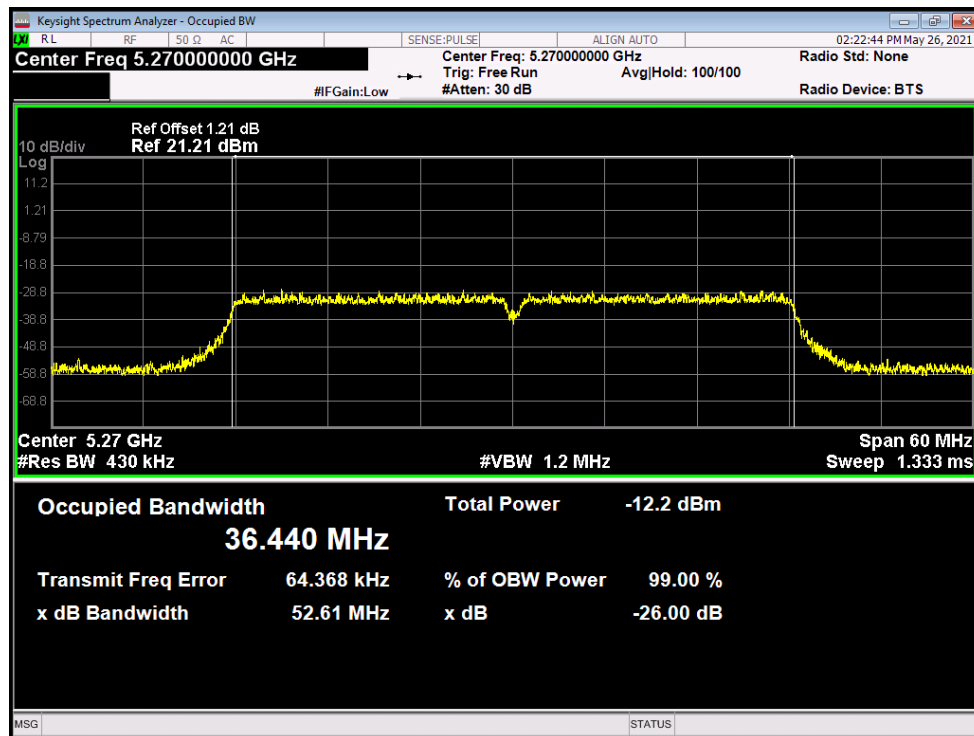
OBW NVNT ac40 5270MHz Ant1



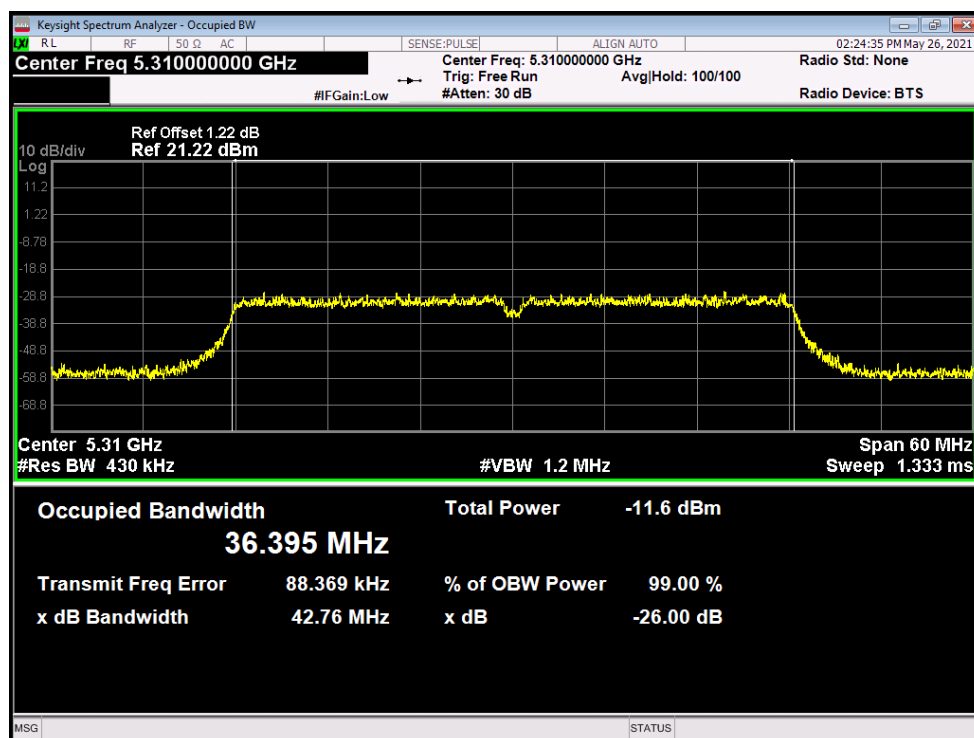
OBW NVNT ac40 5310MHz Ant1



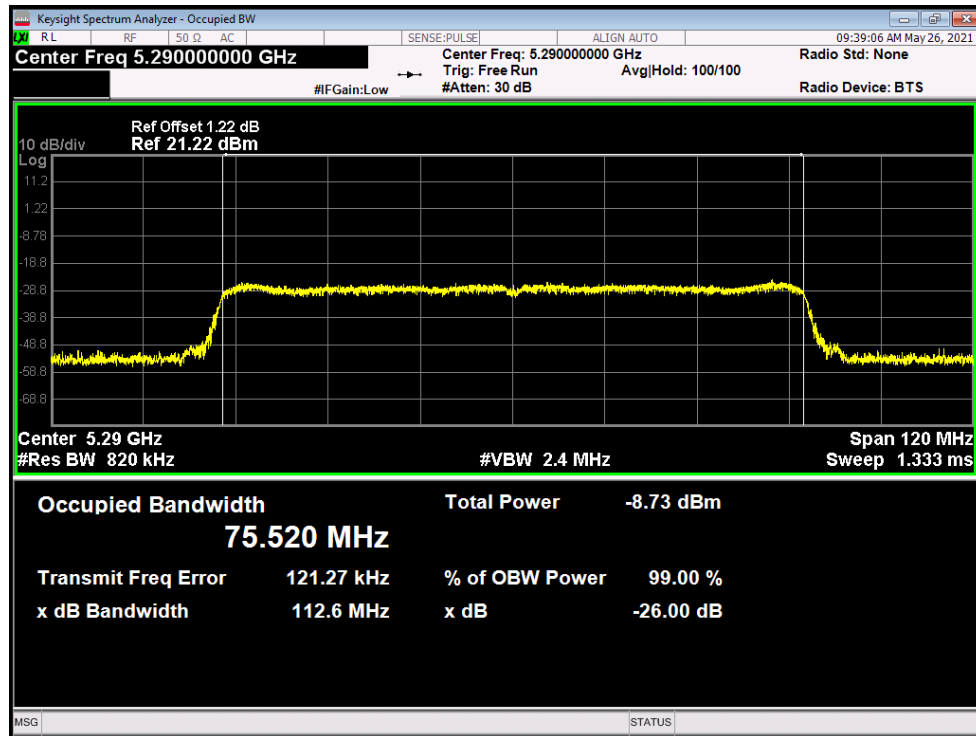
OBW NVNT ac40 5270MHz Ant2



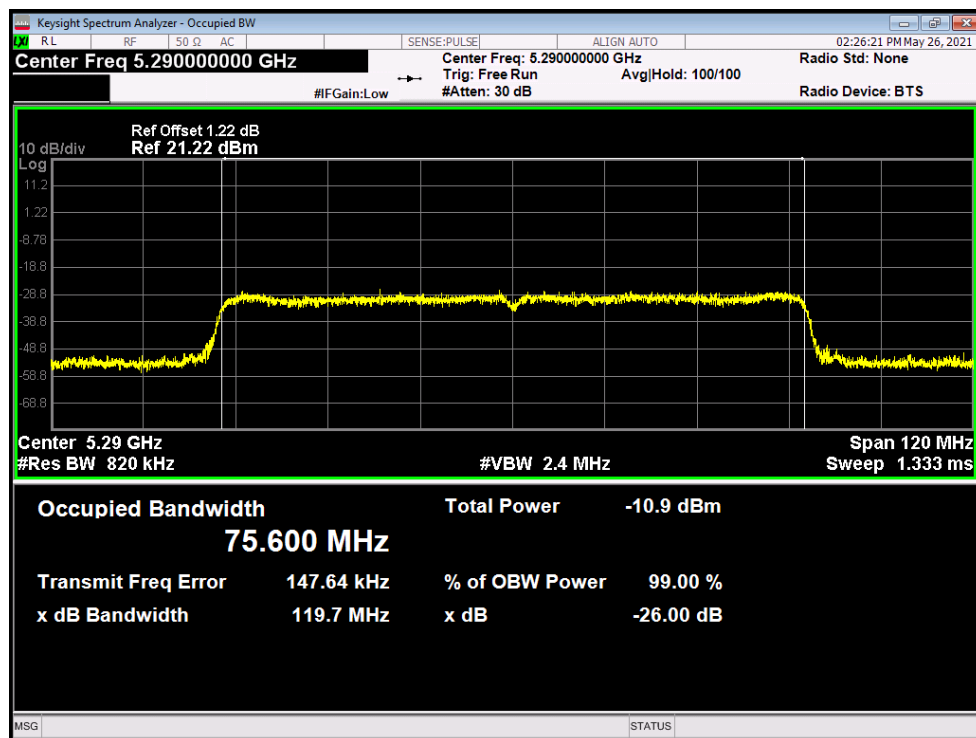
OBW NVNT ac40 5310MHz Ant2



OBW NVNT ac80 5290MHz Ant1



OBW NVNT ac80 5290MHz Ant2

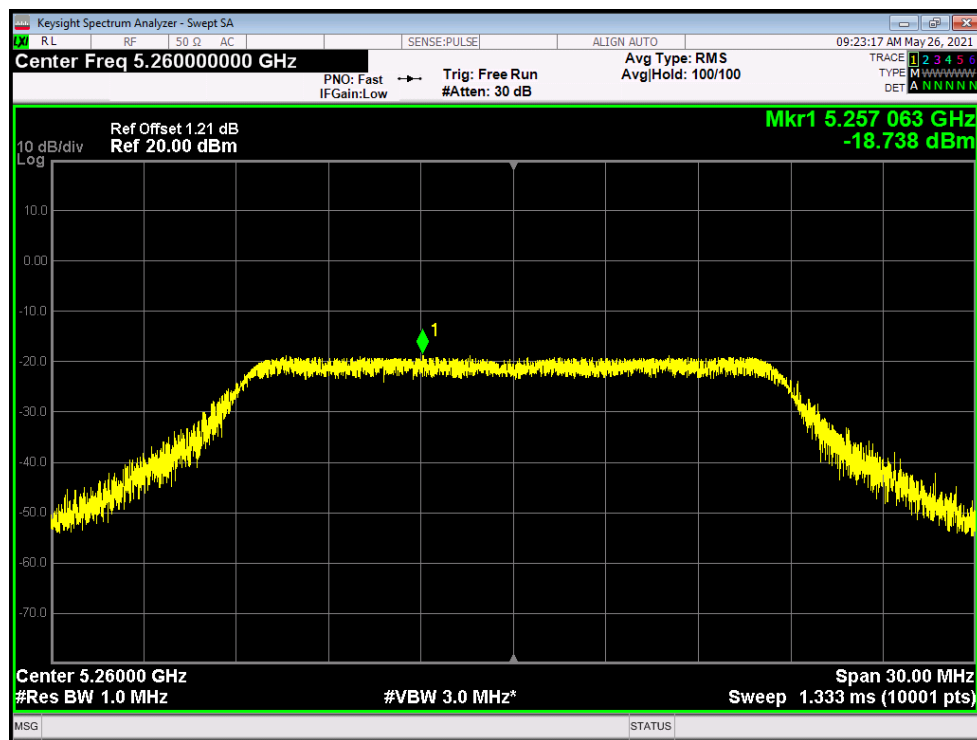


Maximum Power Spectral Density Level

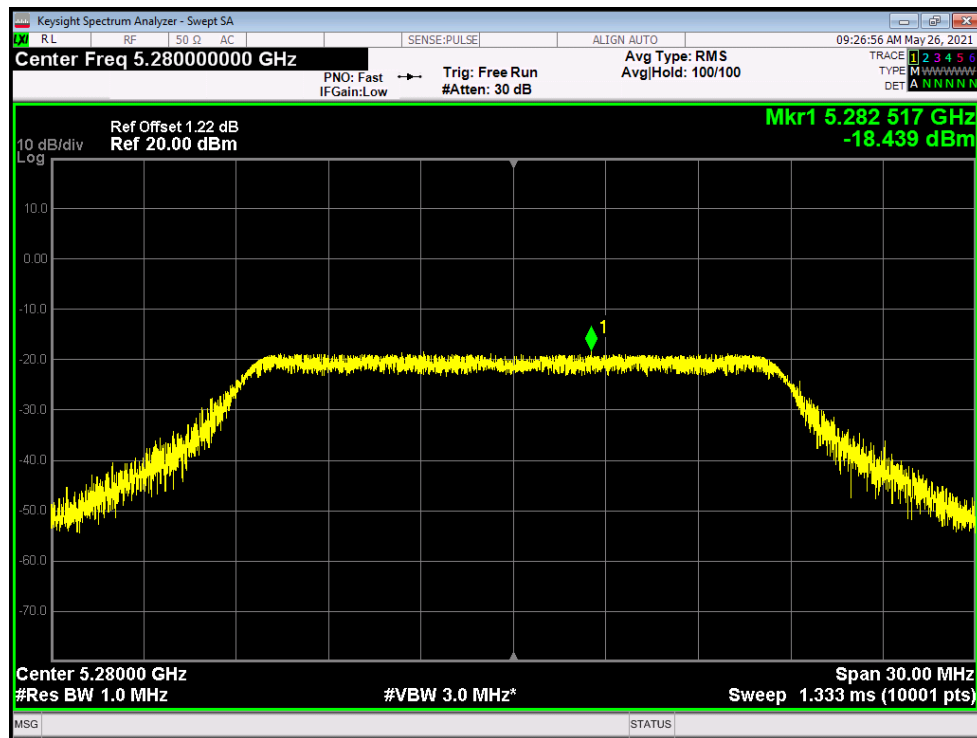
Condition	Mode	Frequency (MHz)	Antenna	SISO Max PSD (dBm)	SISO Limit (dBm)	MIMO Max PSD (dBm)	MIMO Limit (dBm)	Verdict
NVNT	802.11ac20	5260	Ant 1	-18.738	-11	-16.134	-11	Pass
NVNT	802.11ac20	5260	Ant 2	-19.592	-11			
NVNT	802.11ac20	5280	Ant 1	-18.439	-11	-15.8	-11	Pass
NVNT	802.11ac20	5280	Ant 2	-19.216	-11			

NVNT	802.11ac20	5320	Ant 1	-18.184	-11	-15.617	-11	Pass
NVNT	802.11ac20	5320	Ant 2	-19.122	-11			
NVNT	802.11ac40	5270	Ant 1	-21.534	-11	-19.178	-11	Pass
NVNT	802.11ac40	5270	Ant 2	-22.96	-11			
NVNT	802.11ac40	5310	Ant 1	-21.146	-11	-18.992	-11	Pass
NVNT	802.11ac40	5310	Ant 2	-23.069	-11			
NVNT	802.11ac80	5290	Ant 1	-24.336	-11	-21.921	-11	Pass
NVNT	802.11ac80	5290	Ant 2	-25.622	-11			

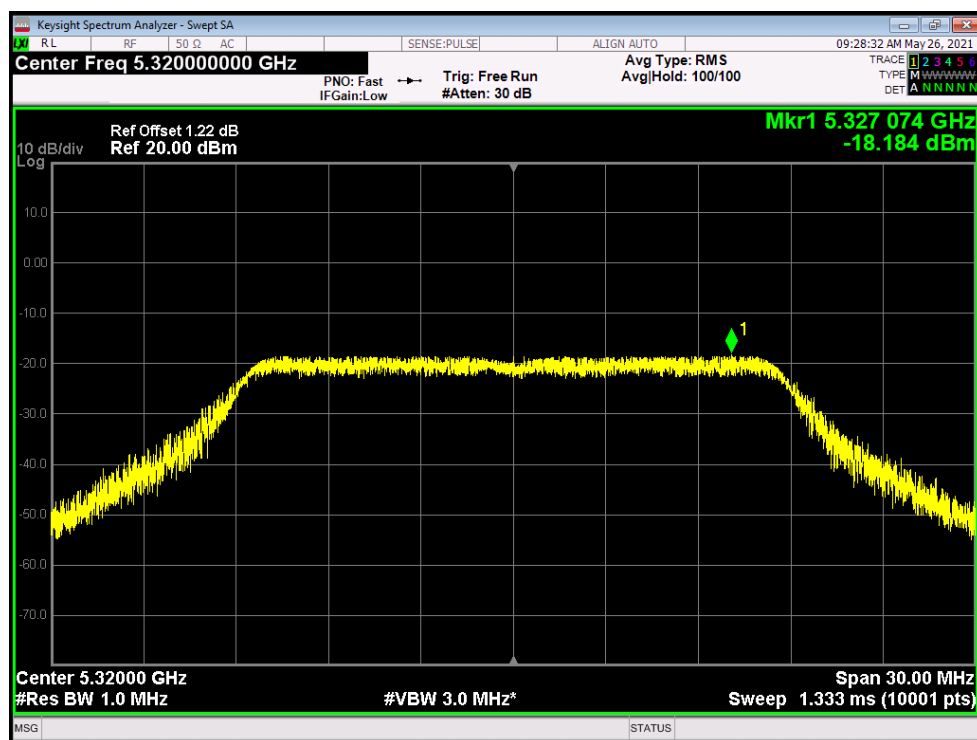
PSD NVNT ac20 5260MHz Ant1



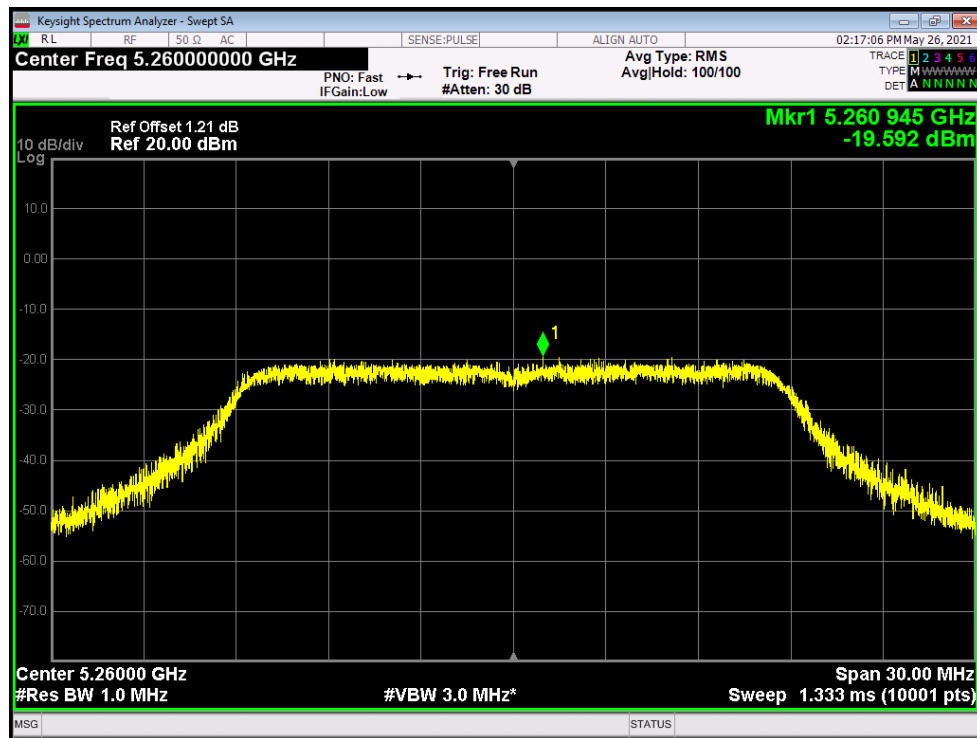
PSD NVNT ac20 5280MHz Ant1



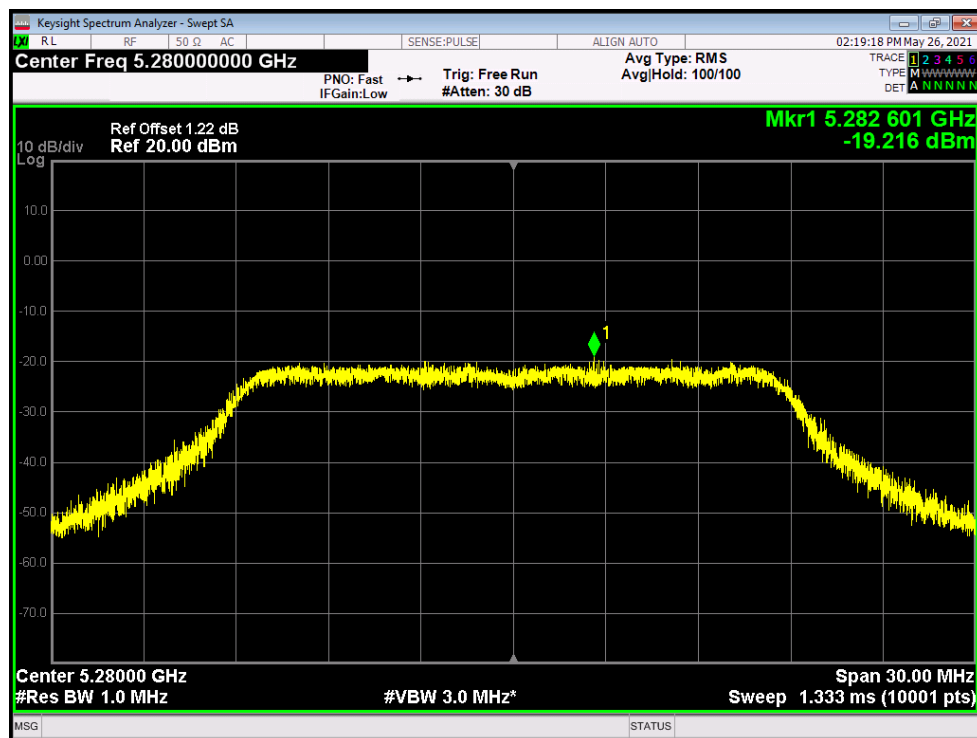
PSD NVNT ac20 5320MHz Ant1



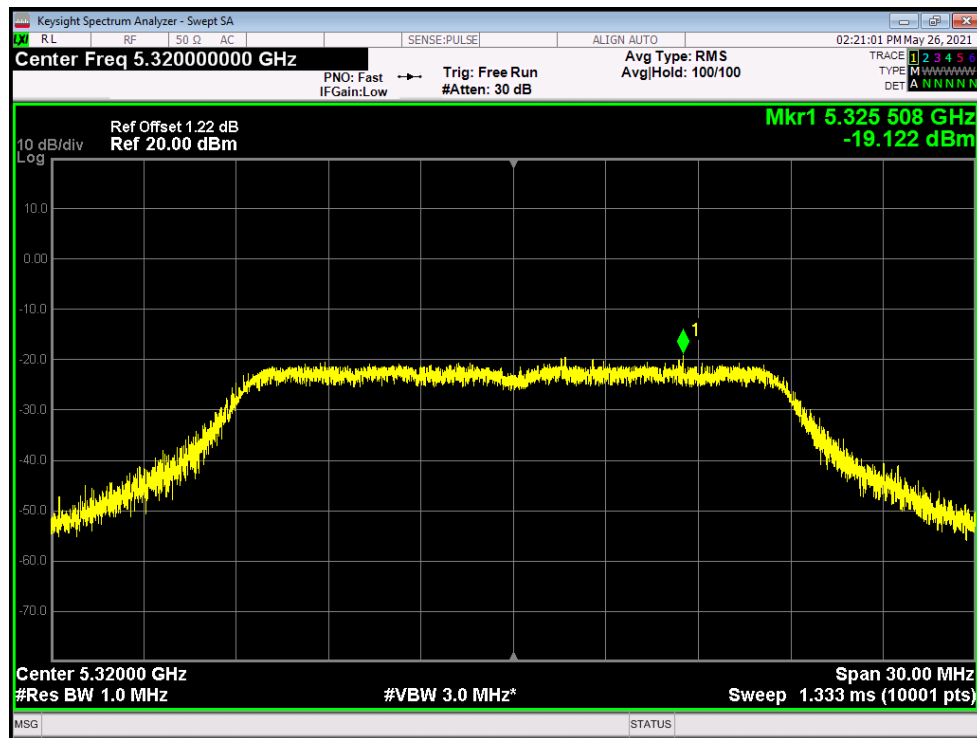
PSD NVNT ac20 5260MHz Ant2



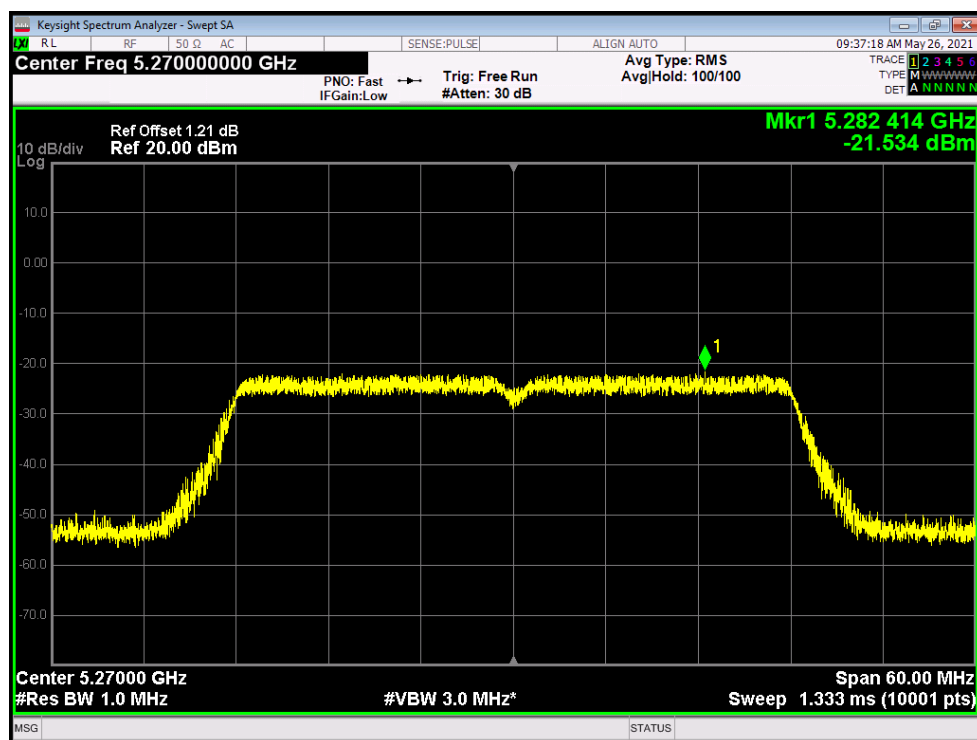
PSD NVNT ac20 5280MHz Ant2



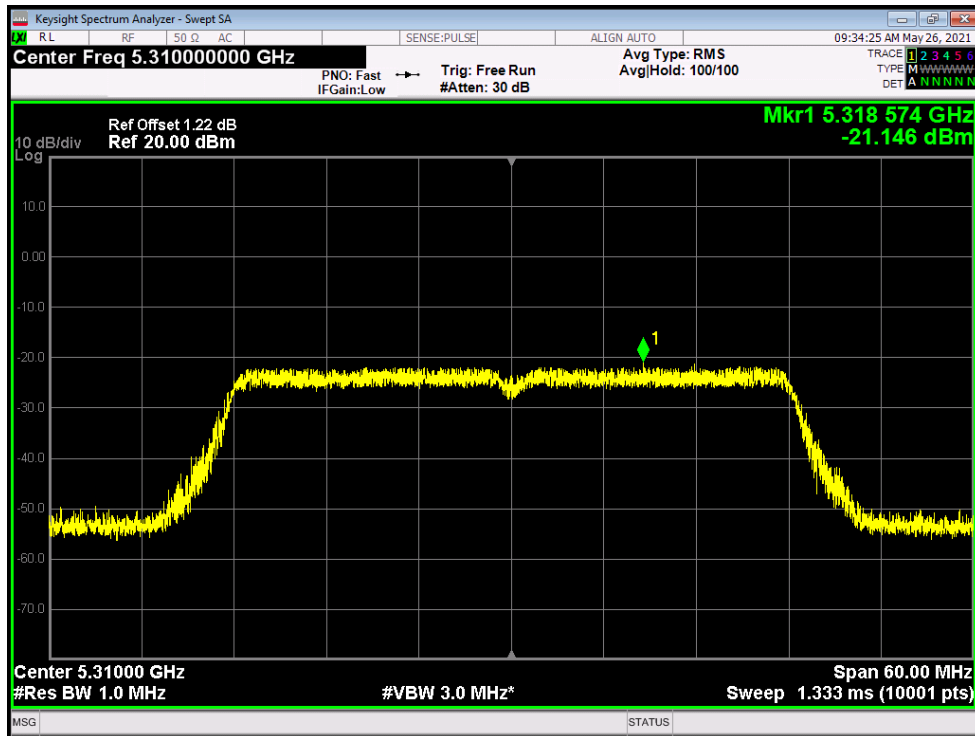
PSD NVNT ac20 5320MHz Ant2



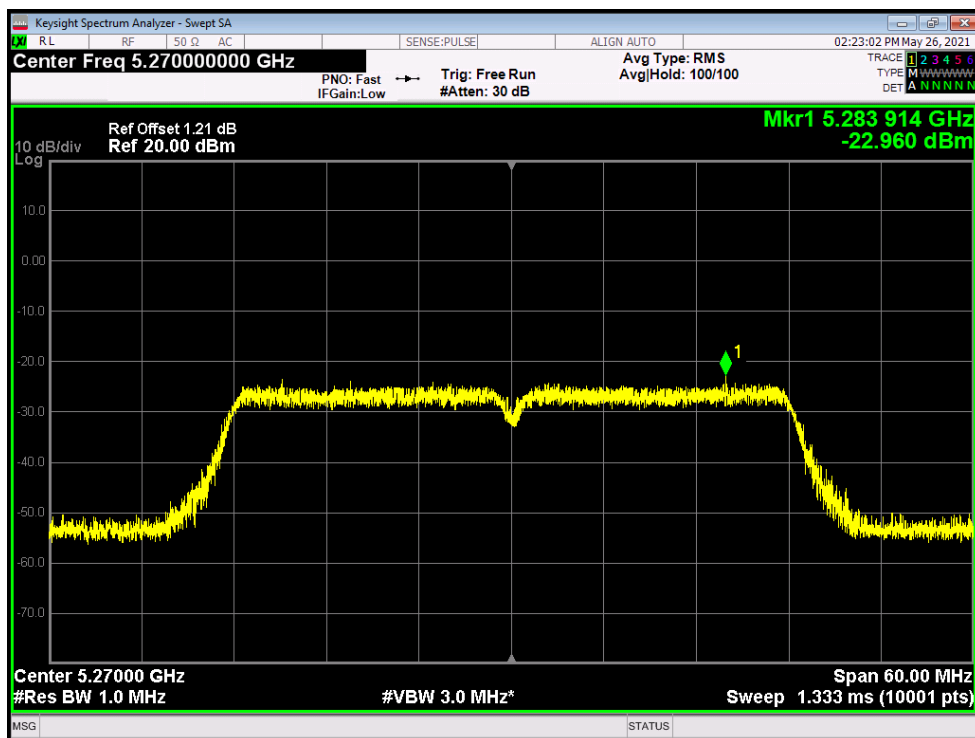
PSD NVNT ac40 5270MHz Ant1



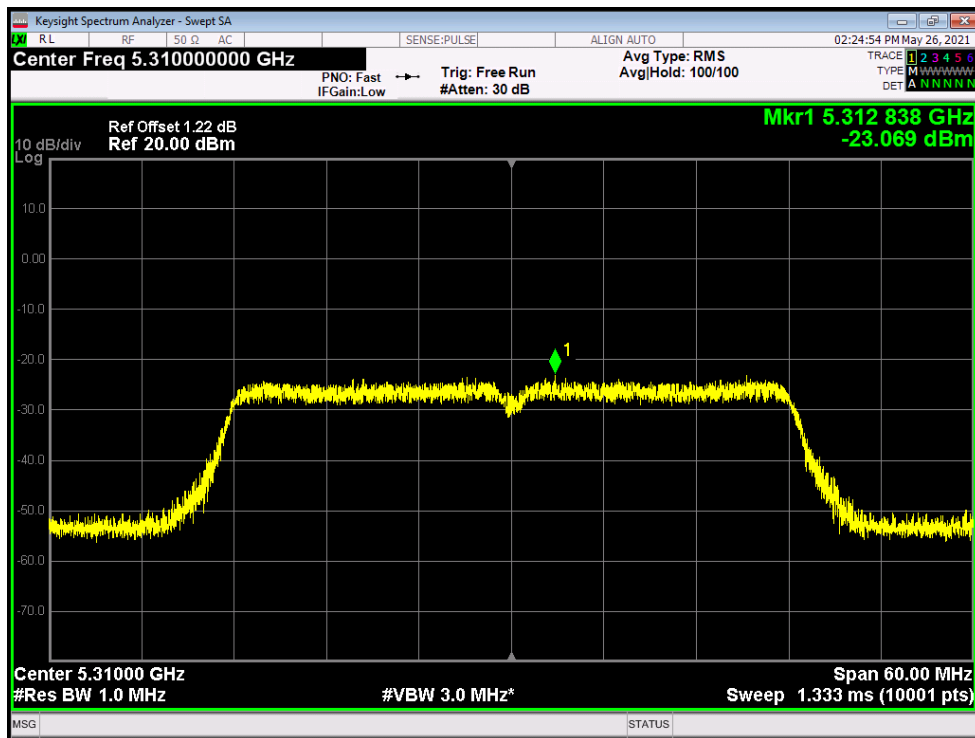
PSD NVNT ac40 5310MHz Ant1



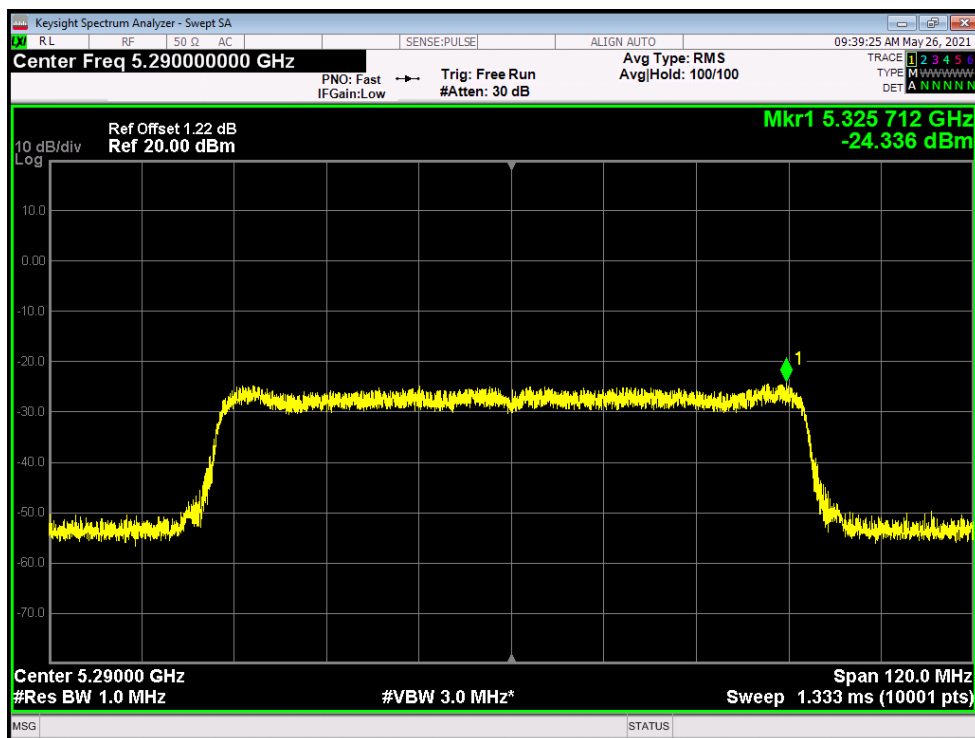
PSD NVNT ac40 5270MHz Ant2



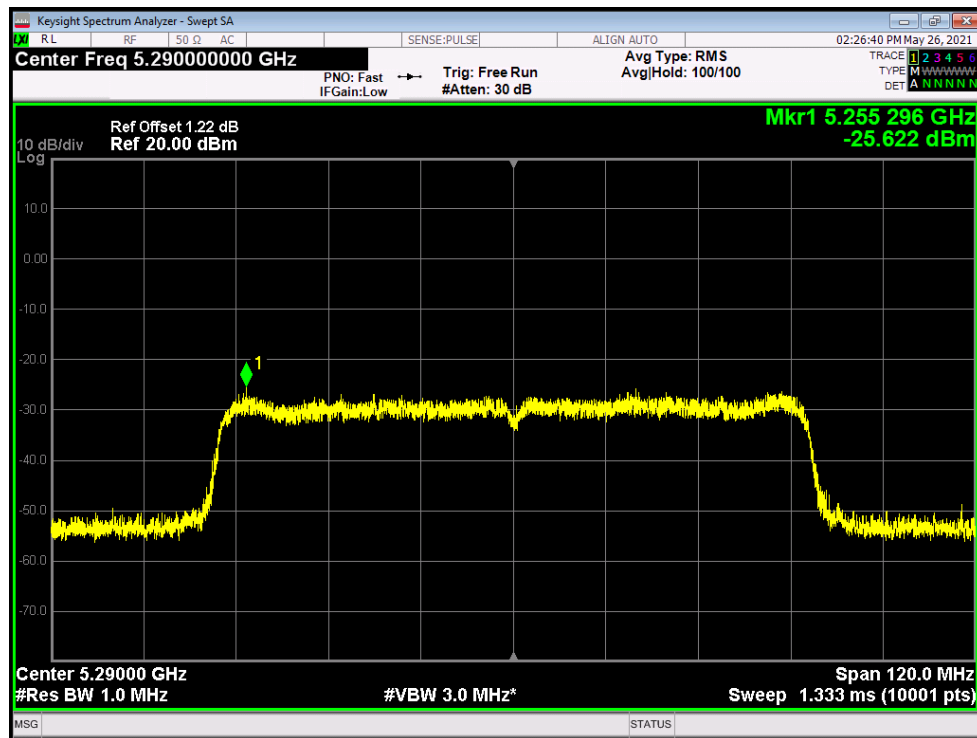
PSD NVNT ac40 5310MHz Ant2



PSD NVNT ac80 5290MHz Ant1



PSD NVNT ac80 5290MHz Ant2

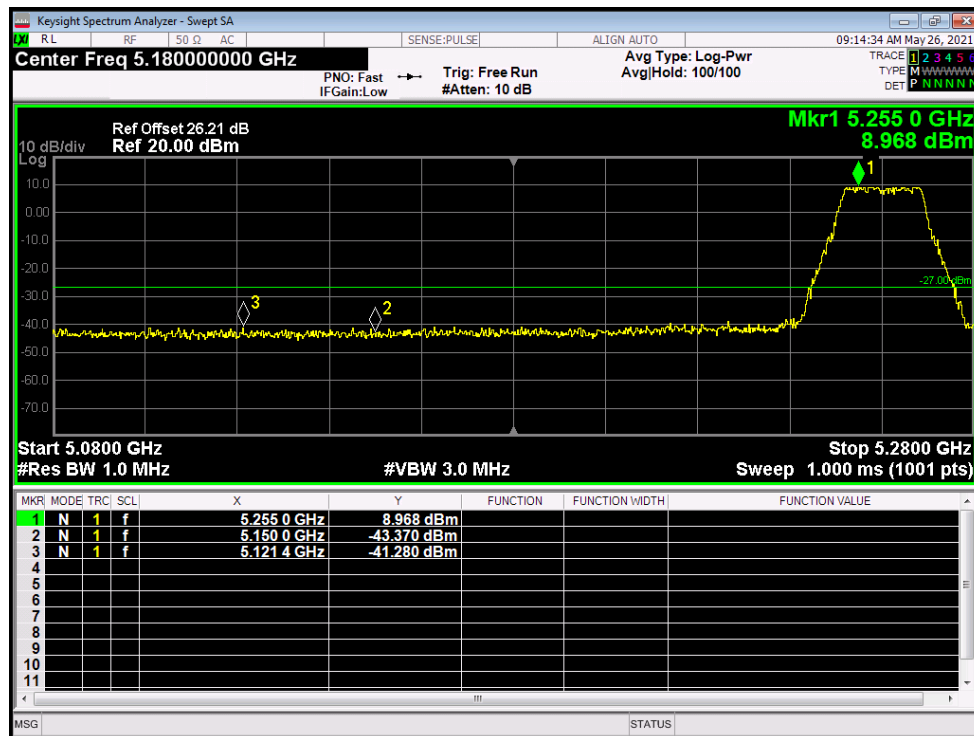


Band Edge

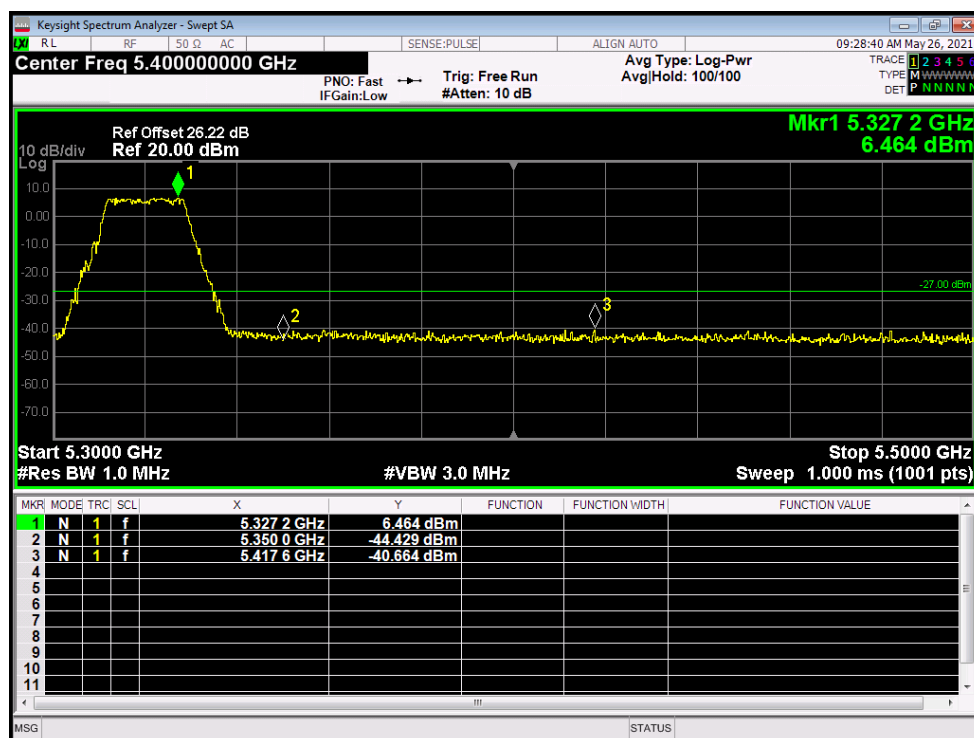
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5260	Ant1	-41.28	-27	Pass
NVNT	ac20	5320	Ant1	-40.66	-27	Pass
NVNT	ac20	5260	Ant2	-42.45	-27	Pass
NVNT	ac20	5320	Ant2	-40.84	-27	Pass
NVNT	ac40	5270	Ant1	-42.14	-27	Pass
NVNT	ac40	5310	Ant1	-40.08	-27	Pass
NVNT	ac40	5270	Ant2	-43.52	-27	Pass
NVNT	ac40	5310	Ant2	-42.04	-27	Pass
NVNT	ac80	5290	Ant1	-42.27	-27	Pass
NVNT	ac80	5290	Ant2	-43.08	-27	Pass

Note: The SISO margin is greater than 3db, the MIMO mode is meets the requirements. The offset contain the antenna gain.

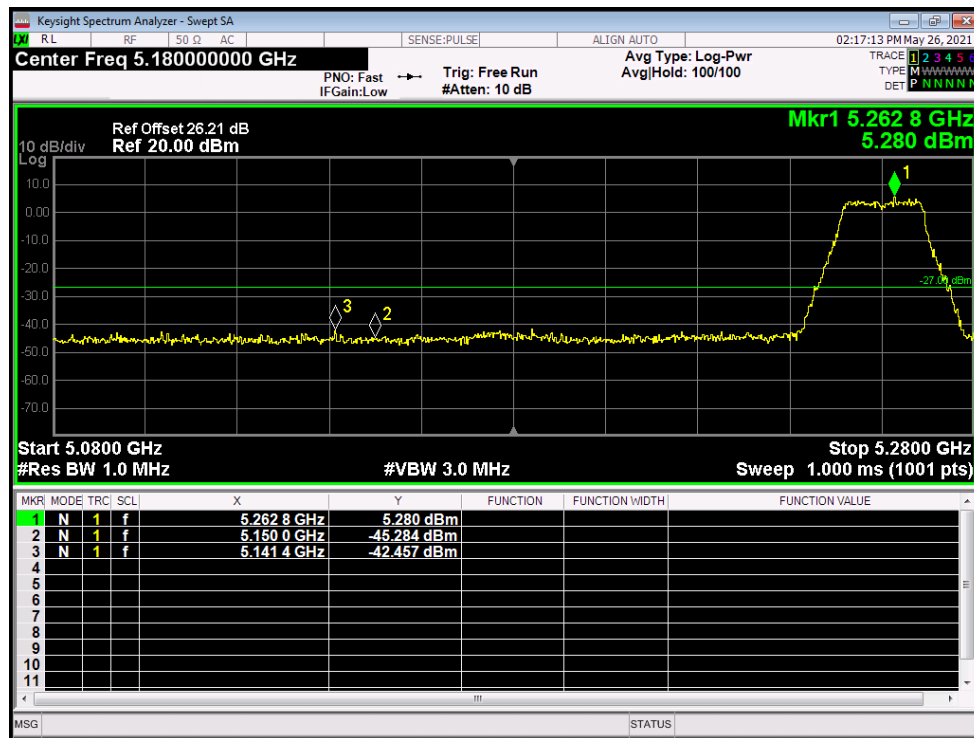
Band Edge NVNT ac20 5260MHz Low Ant1



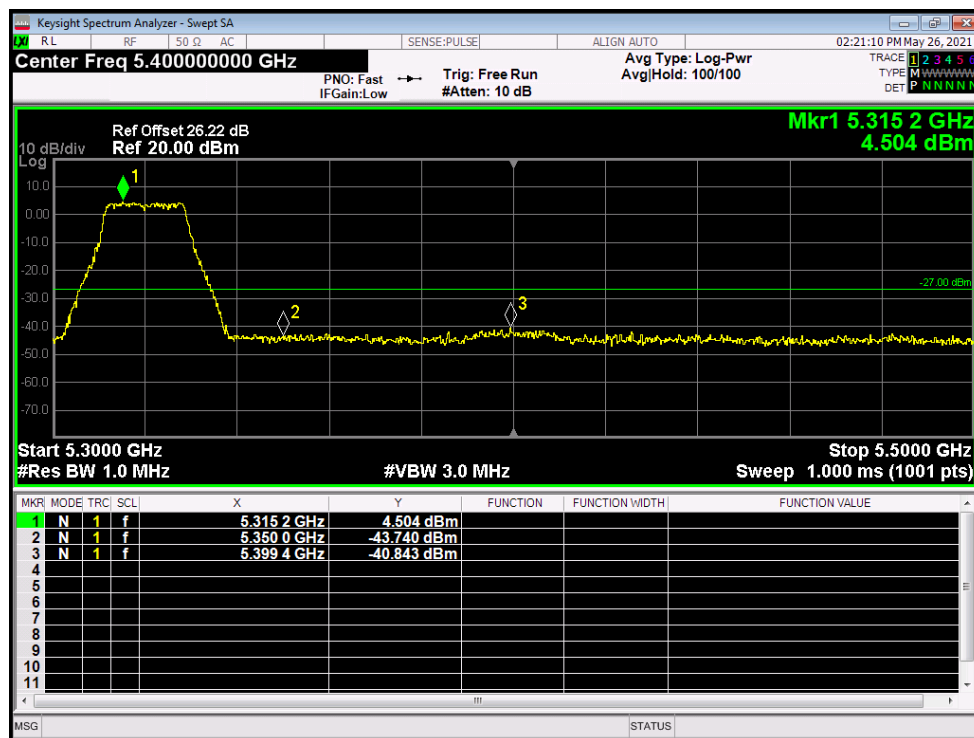
Band Edge NVNT ac20 5320MHz High Ant1



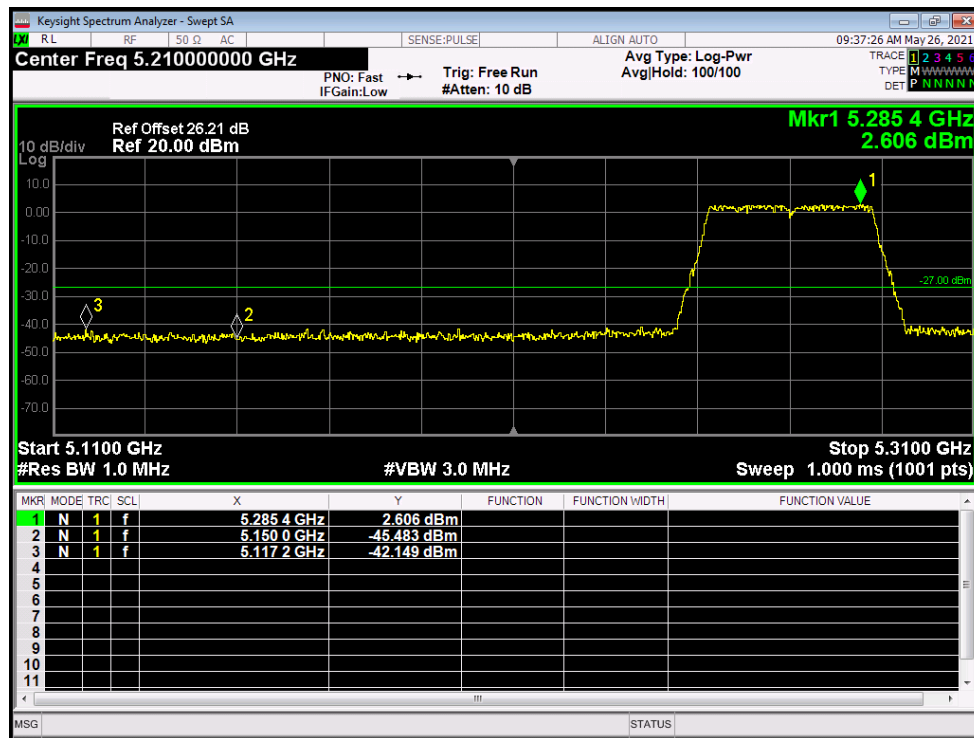
Band Edge NVNT ac20 5260MHz Low Ant2



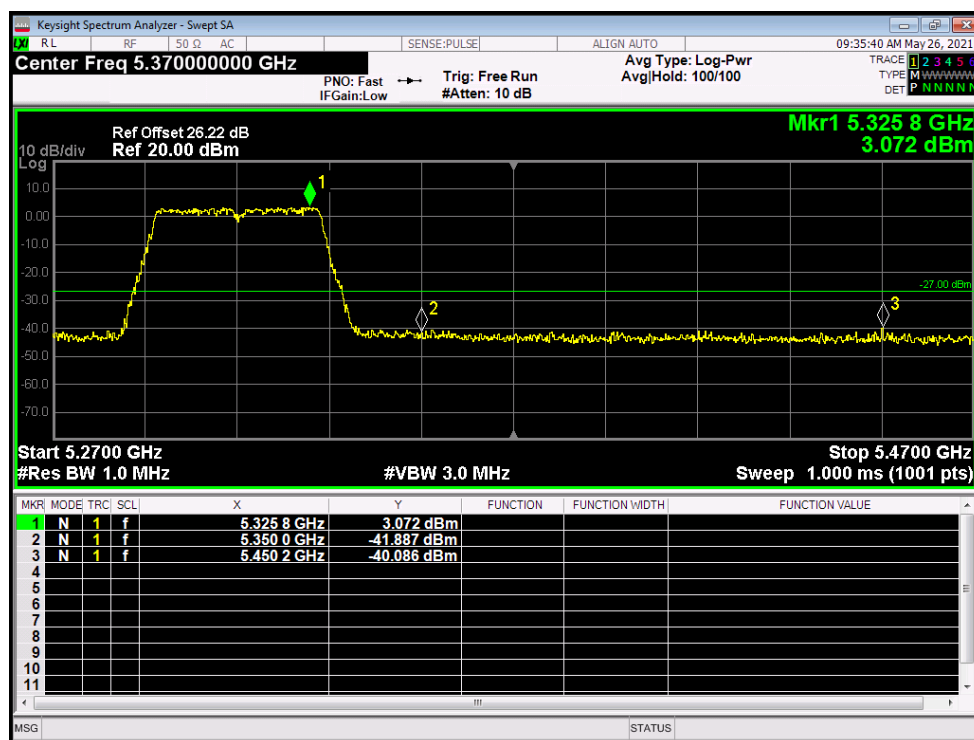
Band Edge NVNT ac20 5320MHz High Ant2



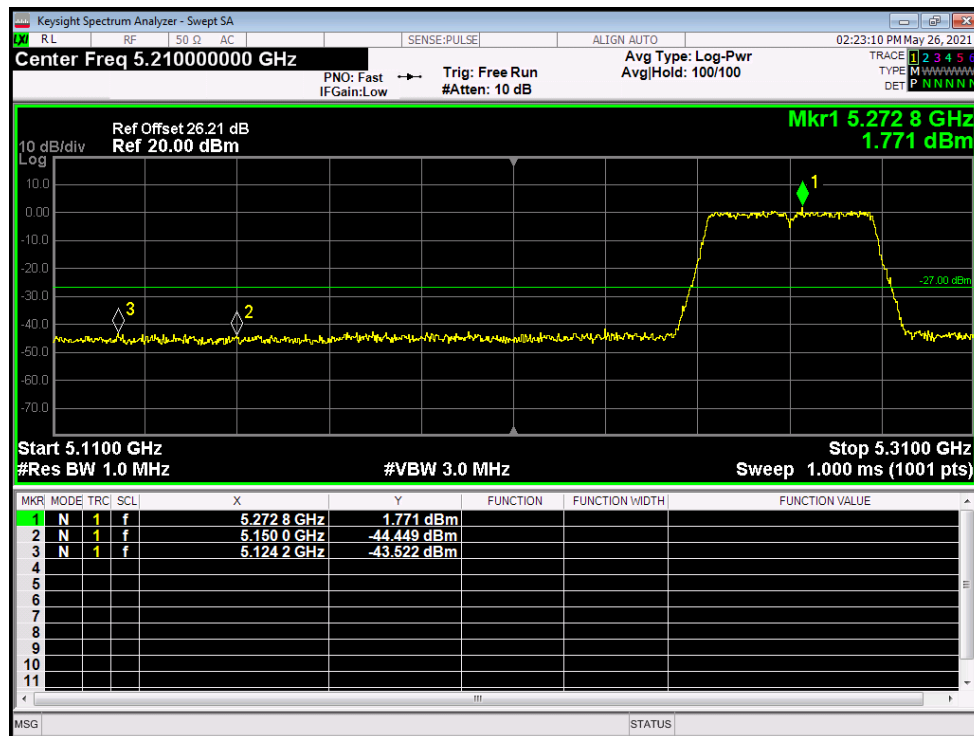
Band Edge NVNT ac40 5270MHz Low Ant1



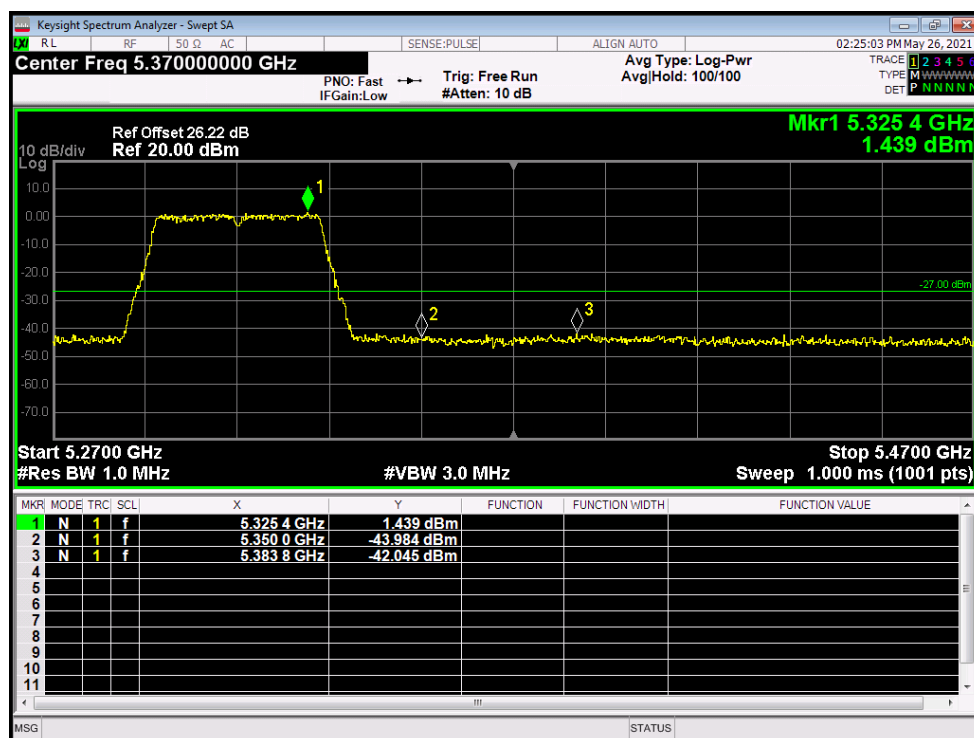
Band Edge NVNT ac40 5310MHz High Ant1



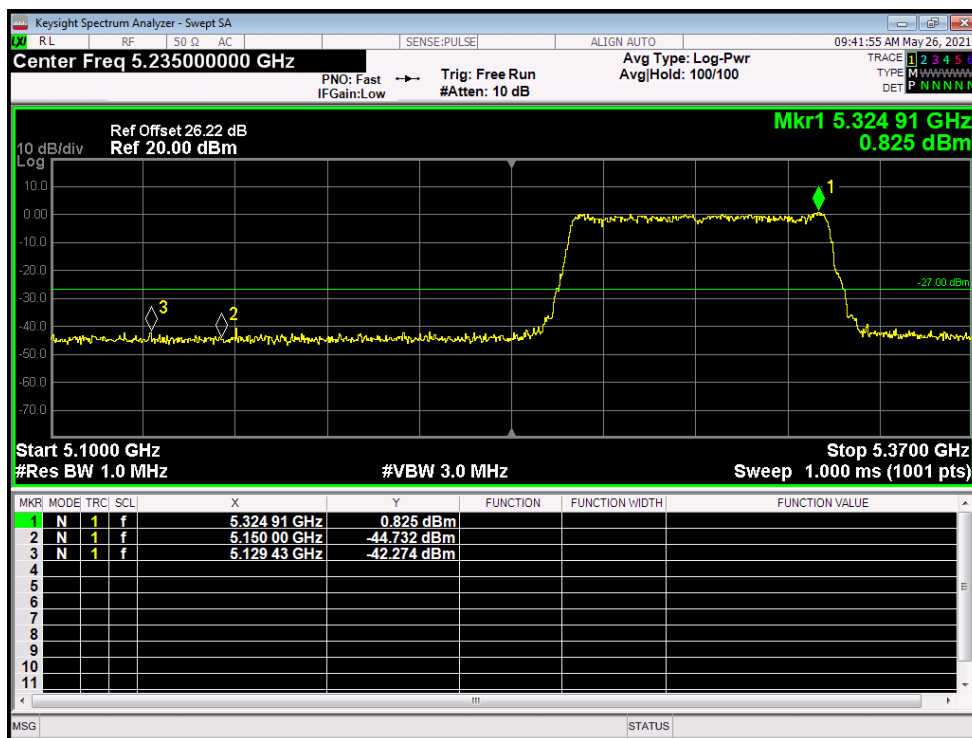
Band Edge NVNT ac40 5270MHz Low Ant2



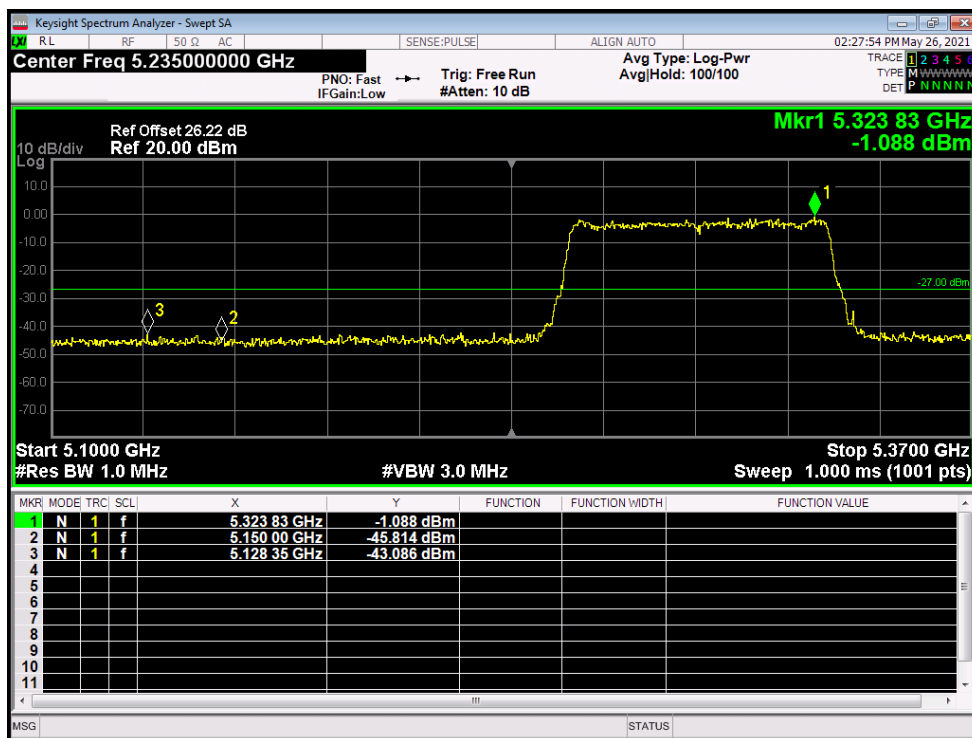
Band Edge NVNT ac40 5310MHz High Ant2



Band Edge NVNT ac80 5290MHz Low Ant1



Band Edge NVNT ac80 5290MHz Low Ant2



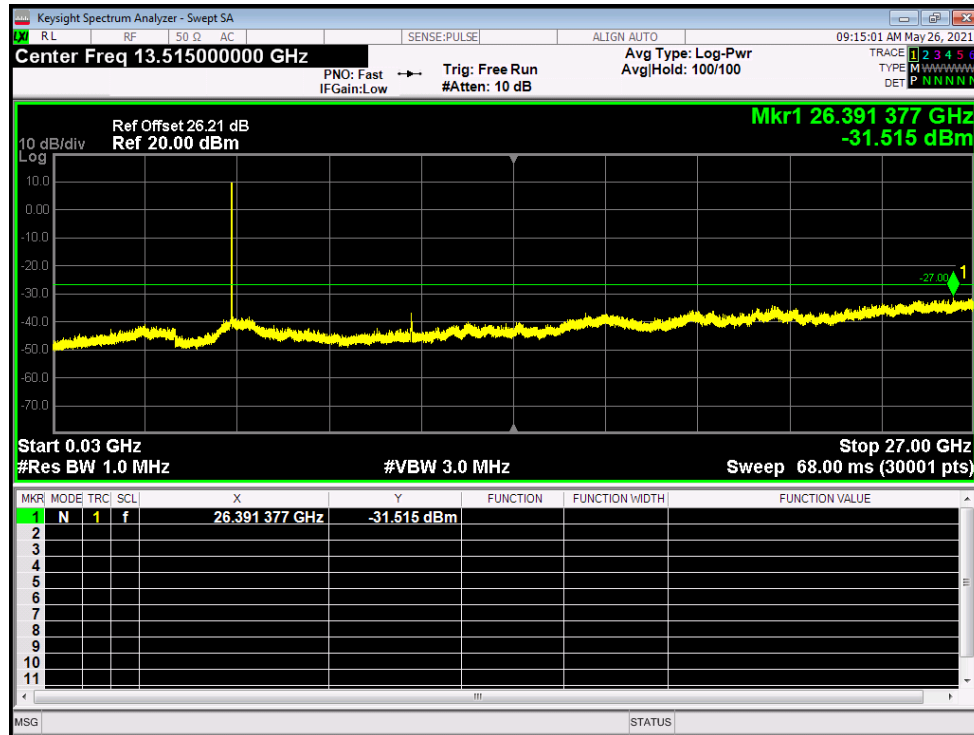
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5260	Ant1	-31.51	-27	Pass
NVNT	ac20	5280	Ant1	-30.82	-27	Pass
NVNT	ac20	5320	Ant1	-30.86	-27	Pass
NVNT	ac20	5260	Ant2	-30.5	-27	Pass
NVNT	ac20	5280	Ant2	-30.12	-27	Pass

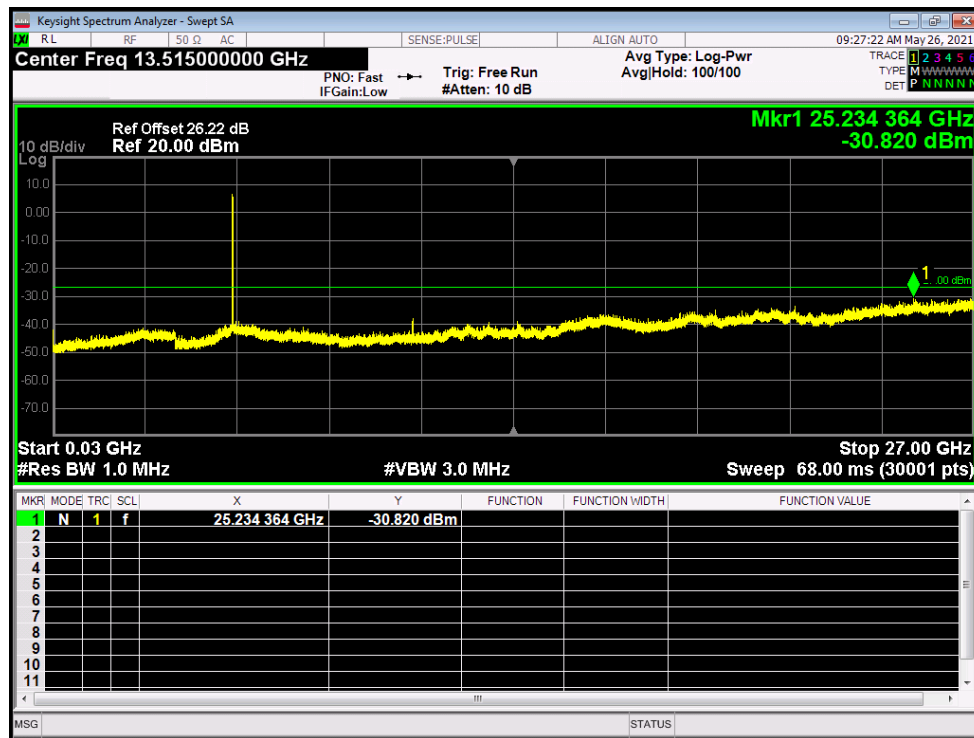
NVNT	ac20	5320	Ant2	-30.26	-27	Pass
NVNT	ac40	5270	Ant1	-30.72	-27	Pass
NVNT	ac40	5310	Ant1	-30	-27	Pass
NVNT	ac40	5270	Ant2	-30.98	-27	Pass
NVNT	ac40	5310	Ant2	-30.03	-27	Pass
NVNT	ac80	5290	Ant1	-30.58	-27	Pass
NVNT	ac80	5290	Ant2	-30.86	-27	Pass

Note: The SISO margin is greater than 3db, the MIMO mode is meets the requirements. The offset contain the antenna gain.

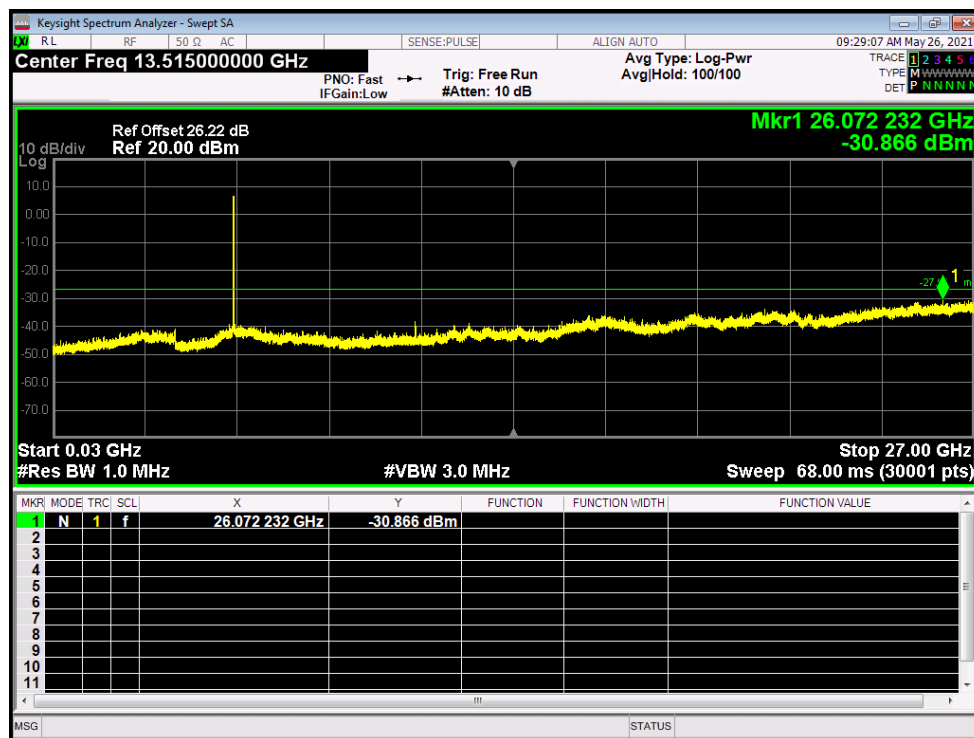
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



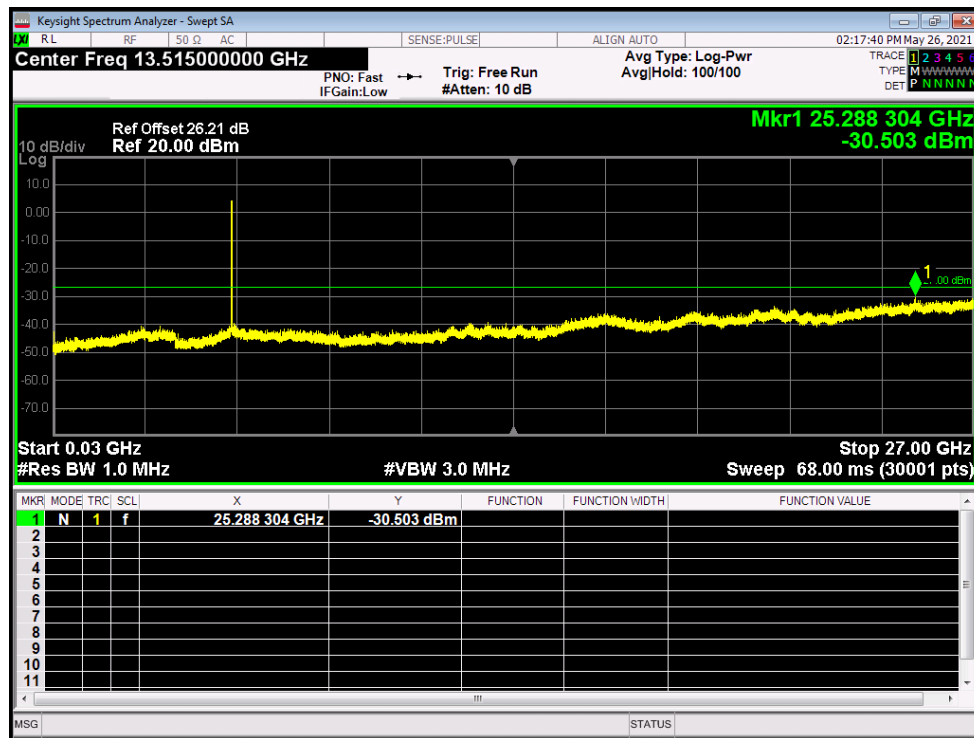
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



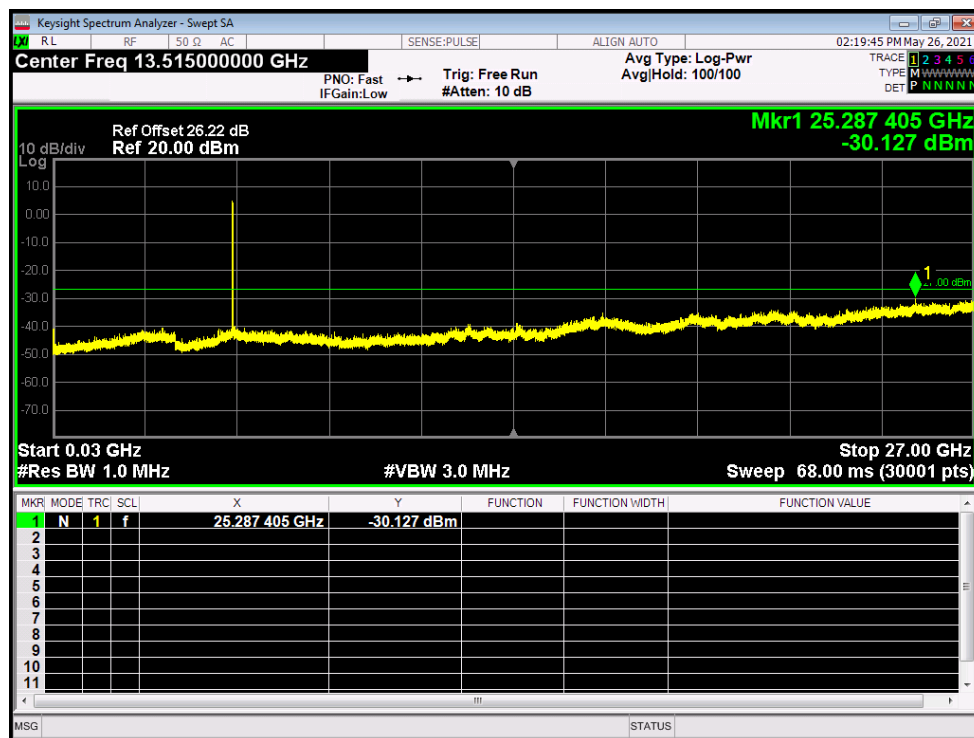
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



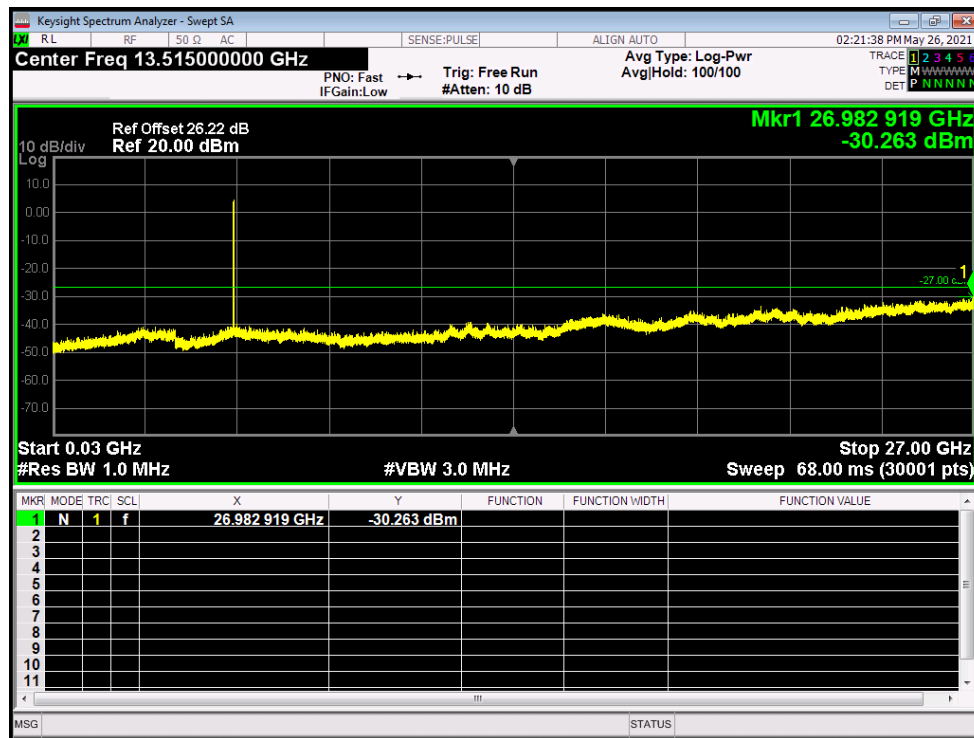
Tx. Spurious NVNT ac20 5260MHz Ant2 Emission



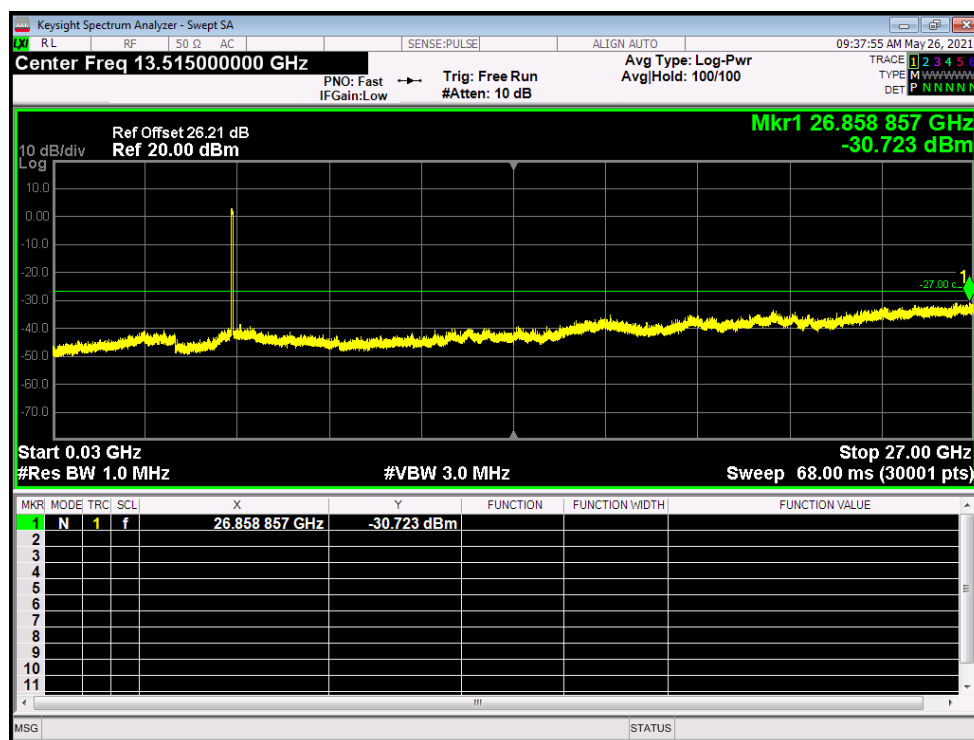
Tx. Spurious NVNT ac20 5280MHz Ant2 Emission



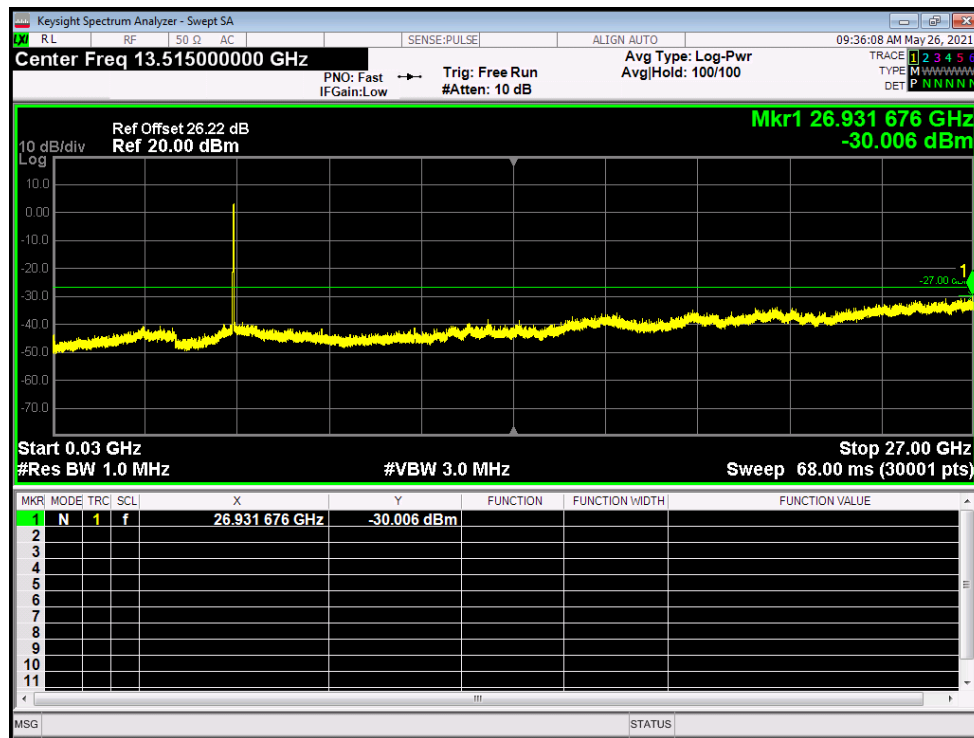
Tx. Spurious NVNT ac20 5320MHz Ant2 Emission



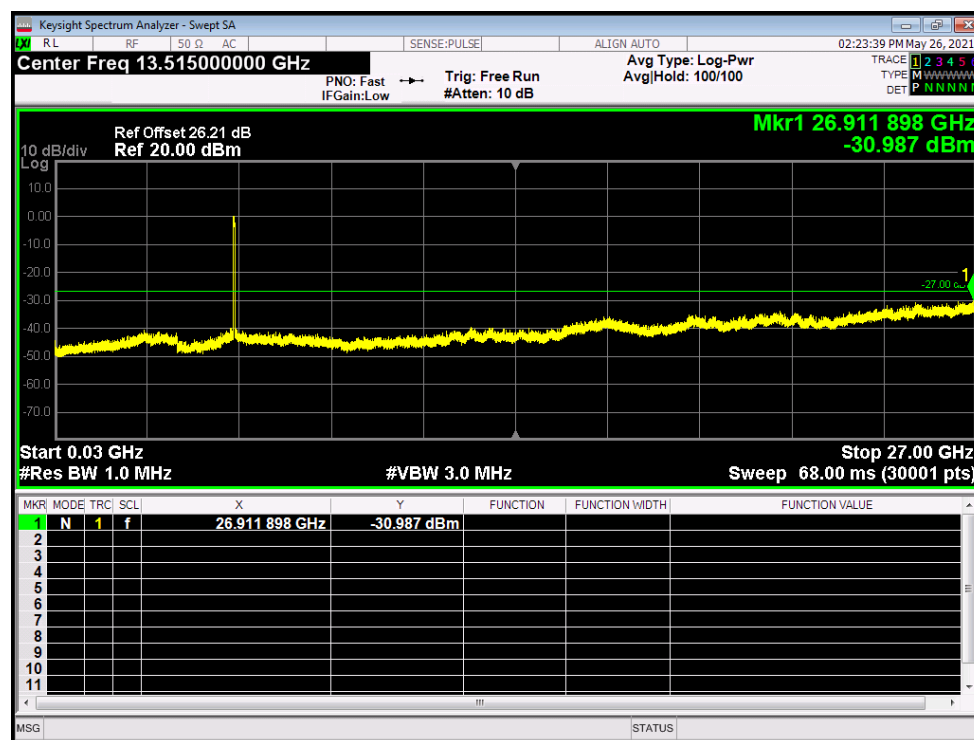
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



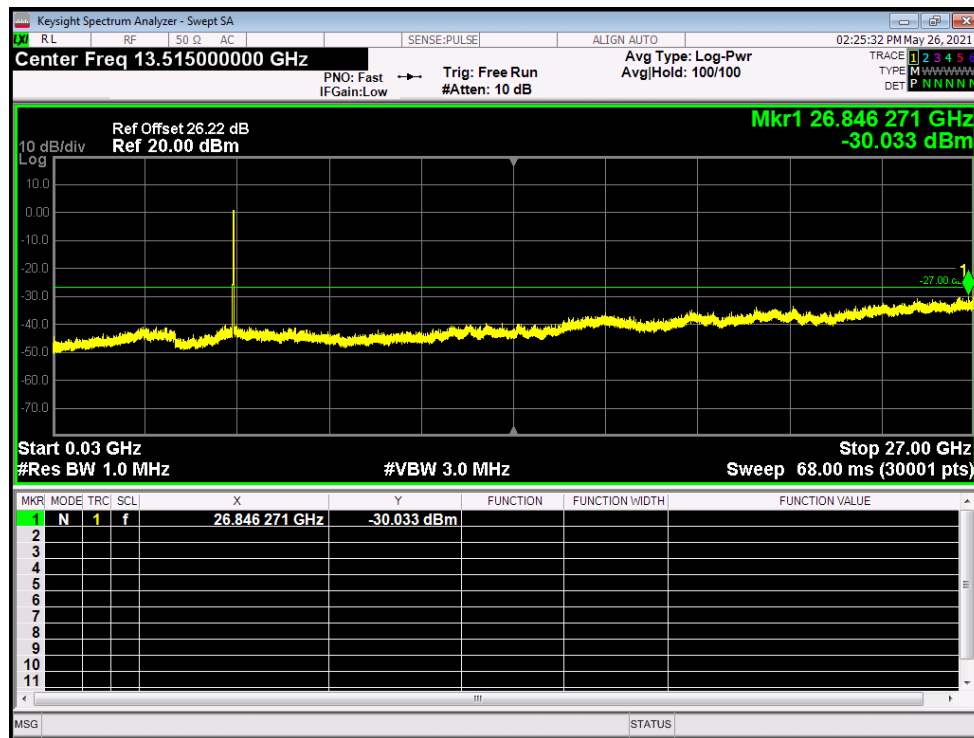
Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



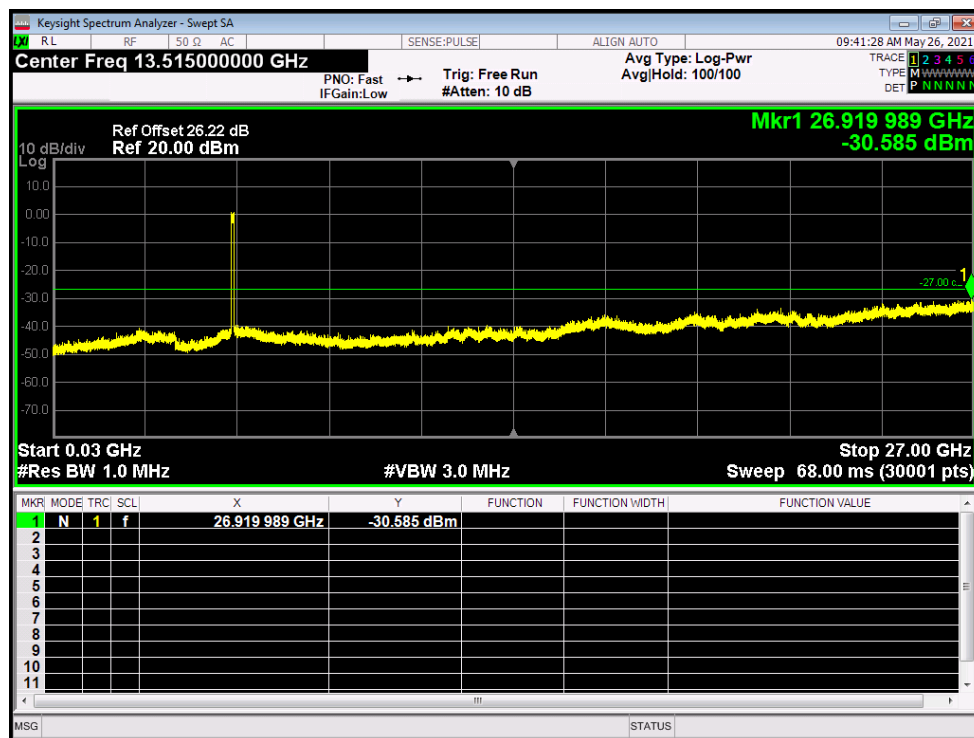
Tx. Spurious NVNT ac40 5270MHz Ant2 Emission



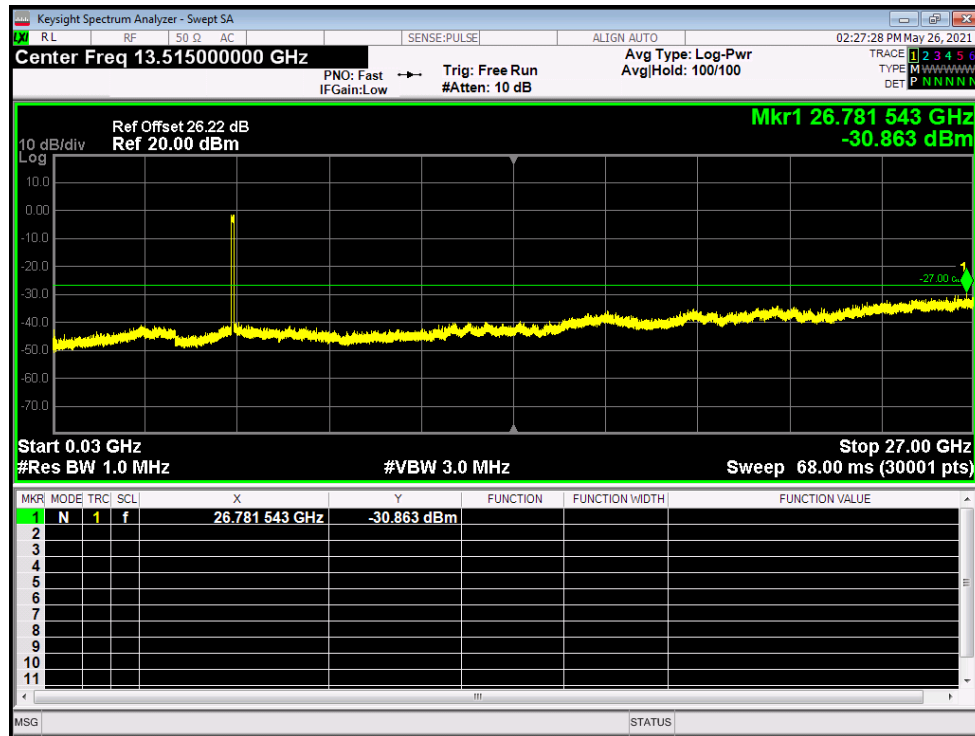
Tx. Spurious NVNT ac40 5310MHz Ant2 Emission



Tx. Spurious NVNT ac80 5290MHz Ant1 Emission



Tx. Spurious NVNT ac80 5290MHz Ant2 Emission

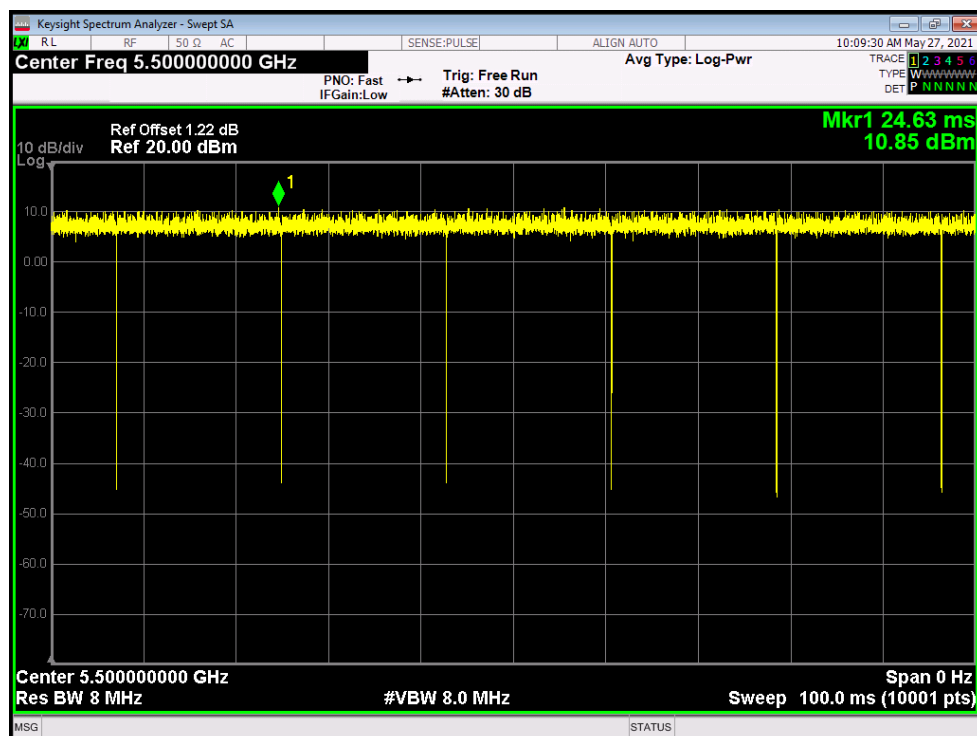


WLAN 5.6G 8dBi Antenna

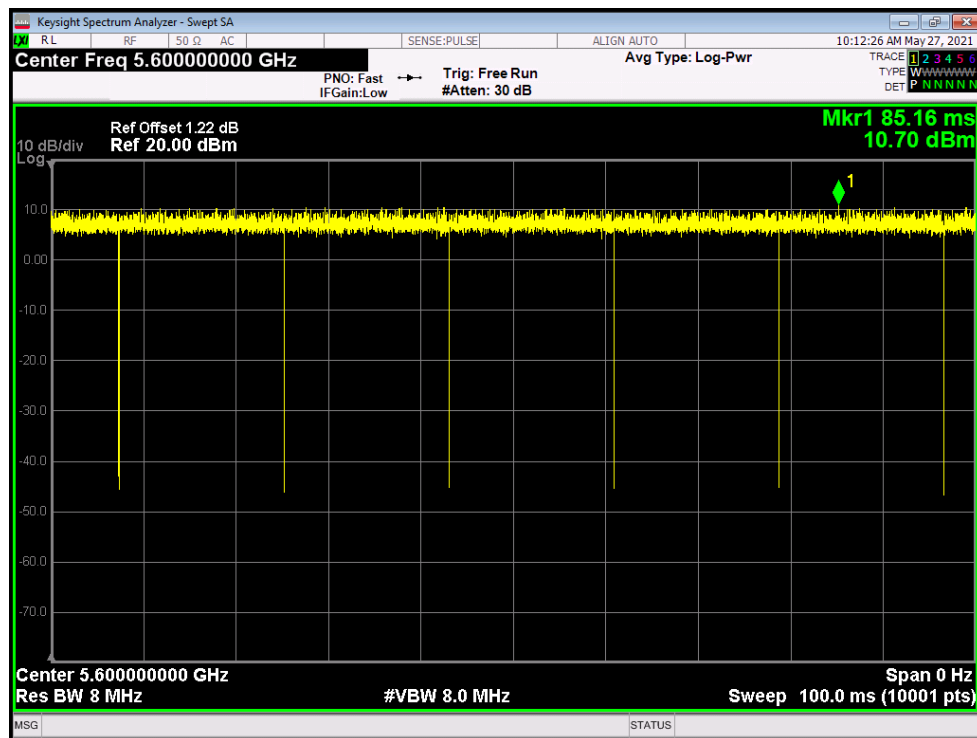
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	ac20	5500	Ant1	99.72	0.01
NVNT	ac20	5600	Ant1	99.72	0.01
NVNT	ac20	5700	Ant1	99.77	0.01
NVNT	ac20	5500	Ant2	99.77	0.01
NVNT	ac20	5600	Ant2	99.77	0.01
NVNT	ac20	5700	Ant2	99.76	0.01
NVNT	ac40	5510	Ant1	99.48	0.02
NVNT	ac40	5590	Ant1	99.54	0.02
NVNT	ac40	5670	Ant1	99.49	0.02
NVNT	ac40	5510	Ant2	99.55	0.02
NVNT	ac40	5590	Ant2	99.49	0.02
NVNT	ac40	5670	Ant2	99.49	0.02
NVNT	ac80	5530	Ant1	98.89	0.05
NVNT	ac80	5610	Ant1	98.83	0.05
NVNT	ac80	5530	Ant2	98.88	0.05
NVNT	ac80	5610	Ant2	98.86	0.05

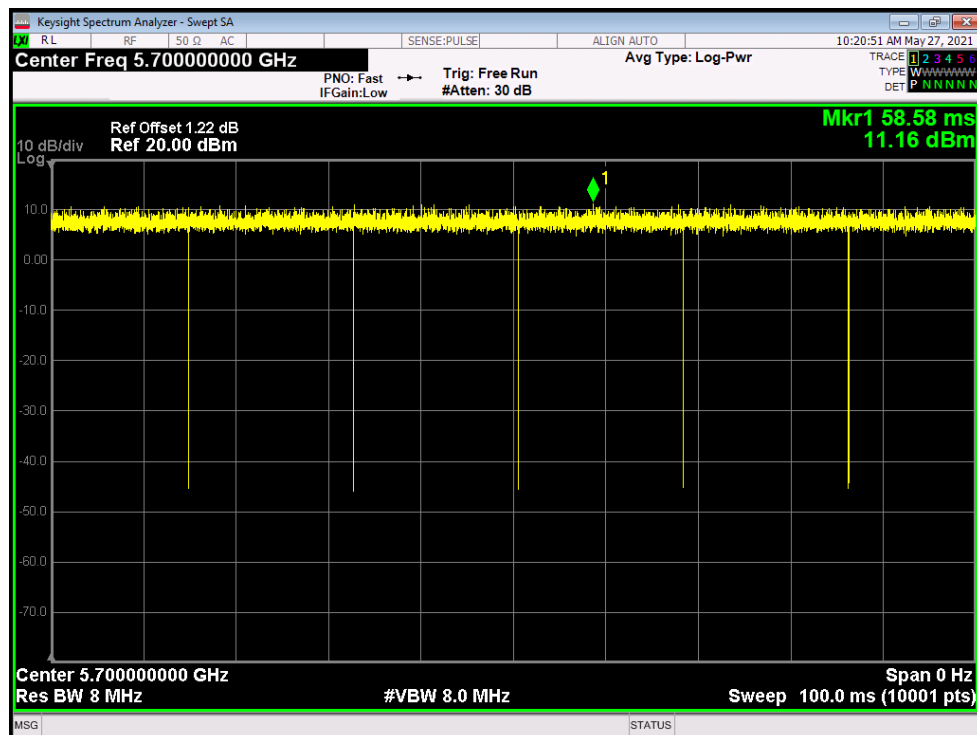
Duty Cycle NVNT ac20 5500MHz Ant1



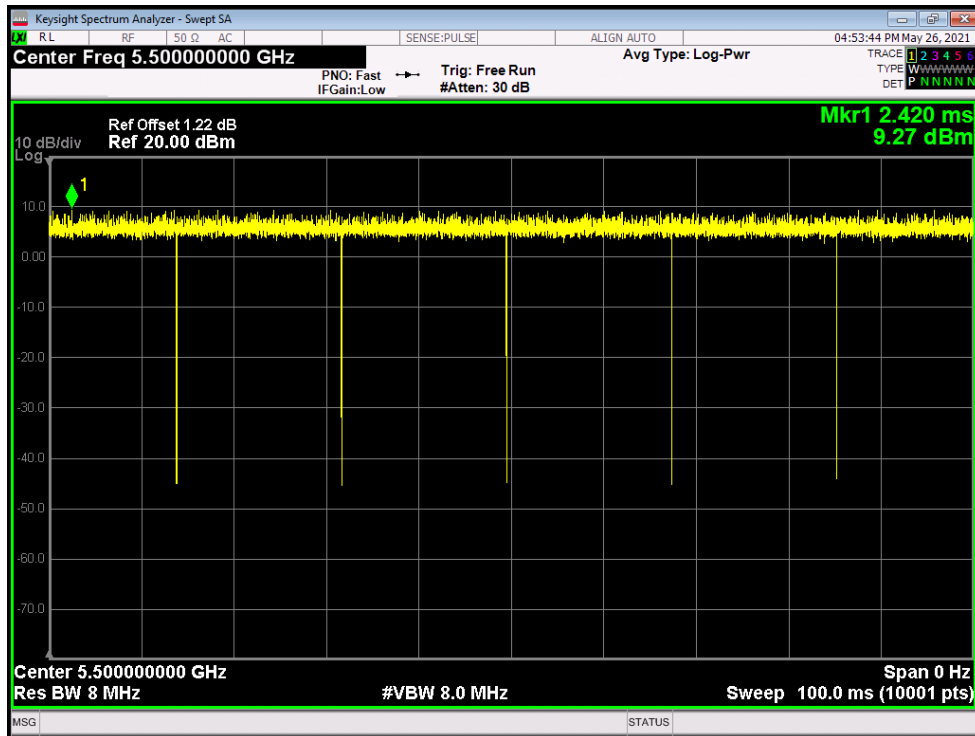
Duty Cycle NVNT ac20 5600MHz Ant1



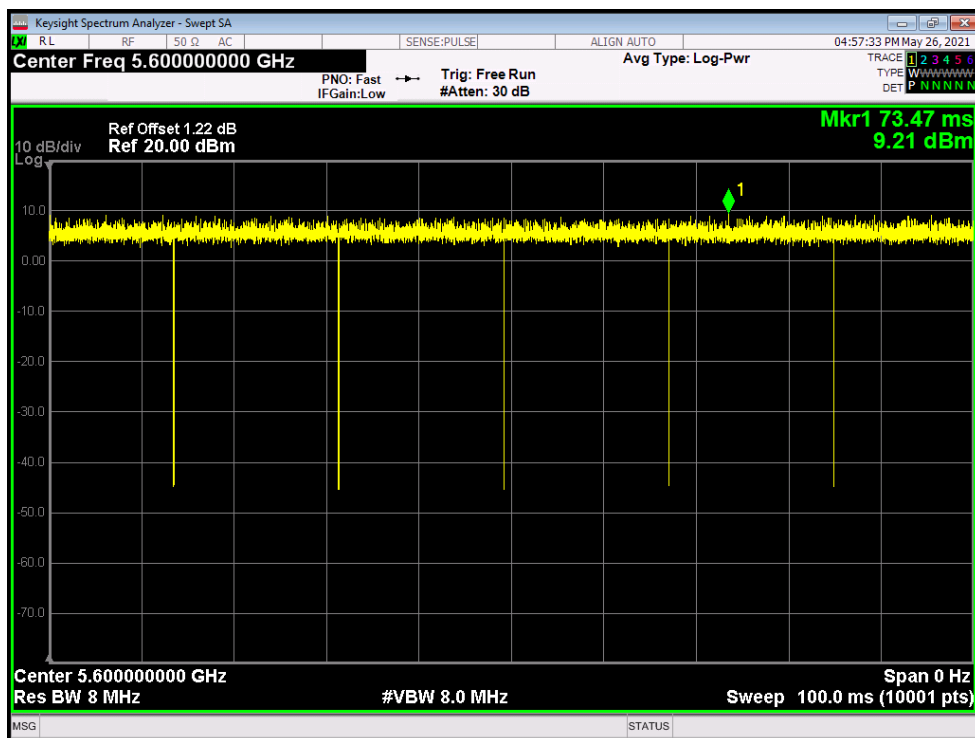
Duty Cycle NVNT ac20 5700MHz Ant1



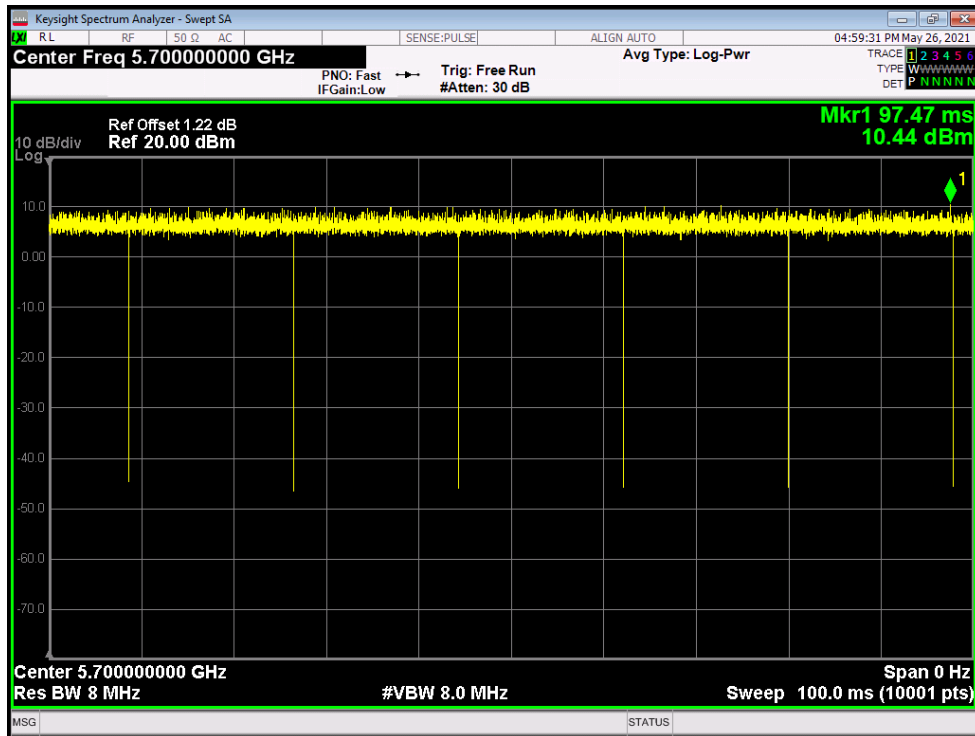
Duty Cycle NVNT ac20 5500MHz Ant2



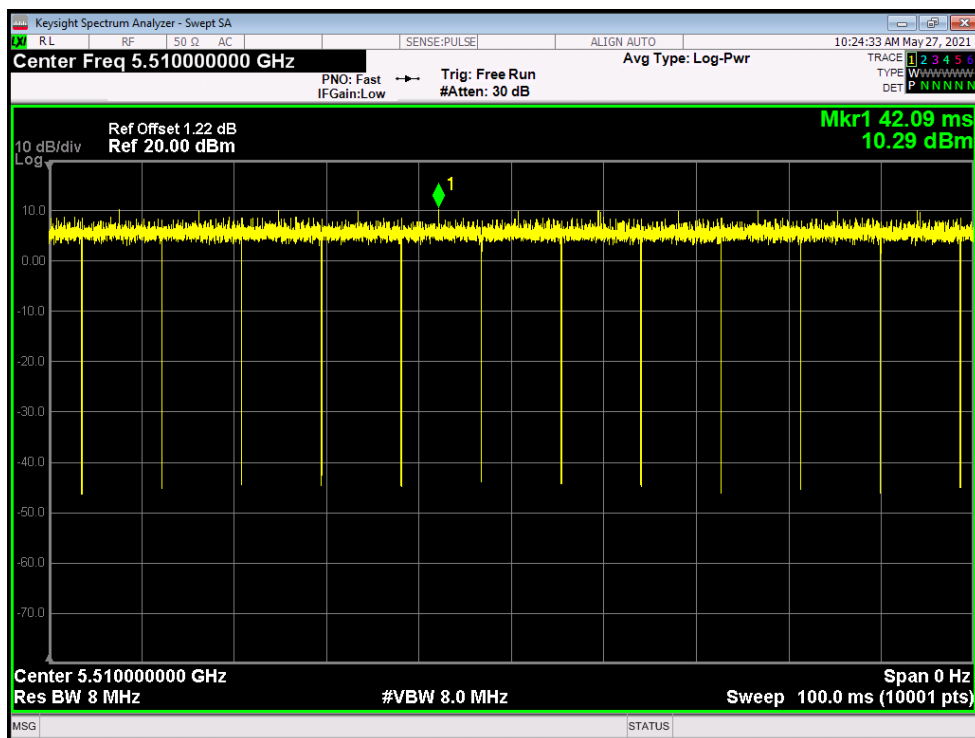
Duty Cycle NVNT ac20 5600MHz Ant2



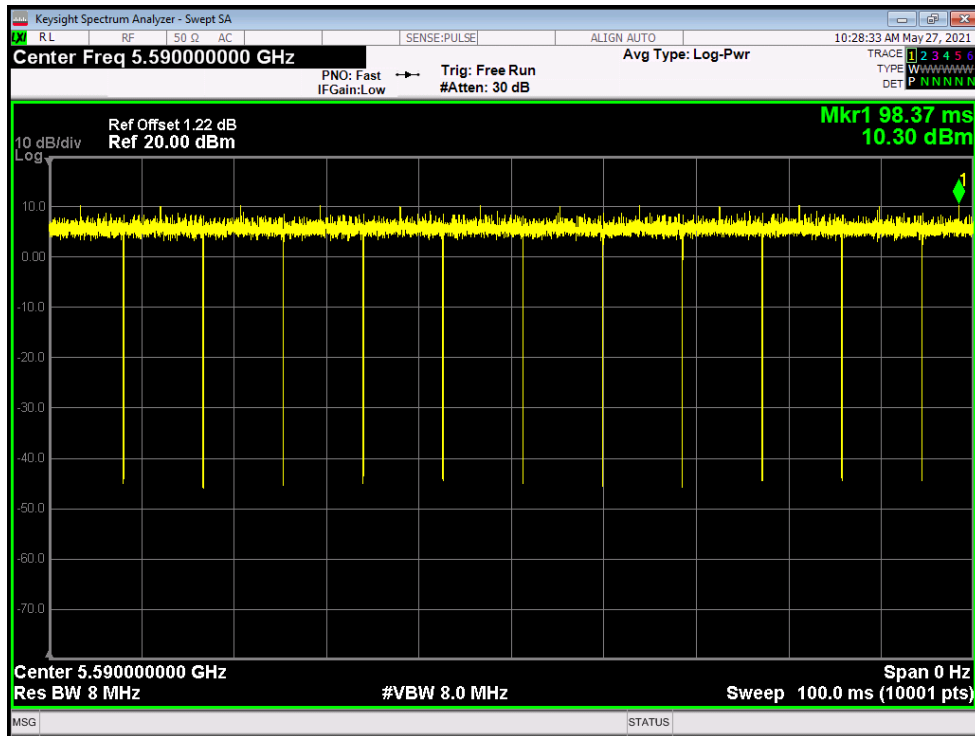
Duty Cycle NVNT ac20 5700MHz Ant2



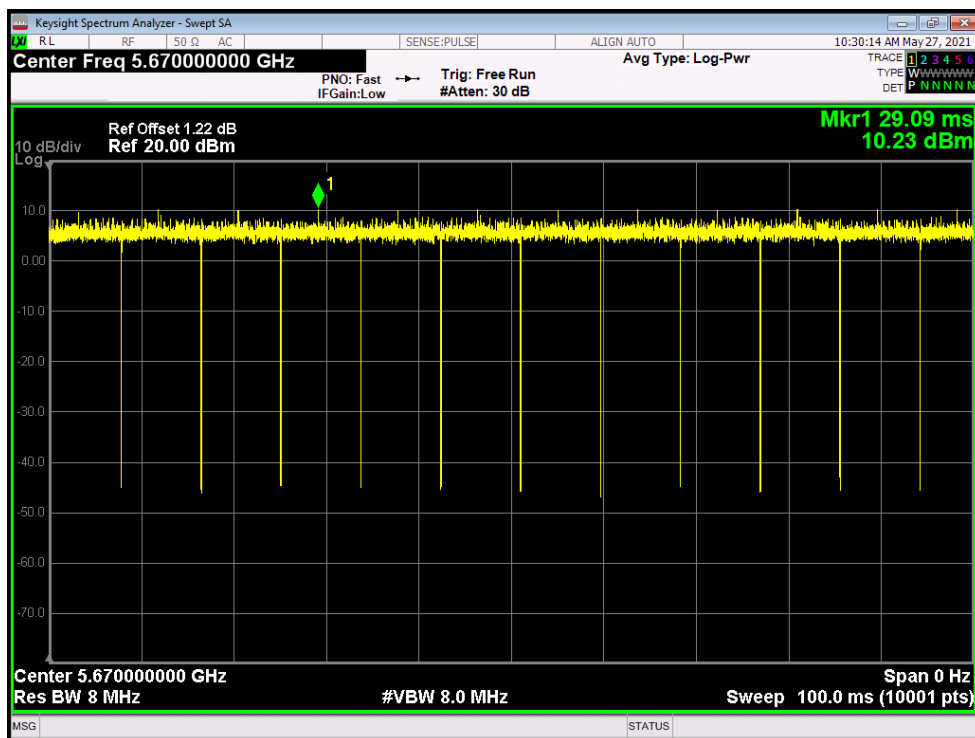
Duty Cycle NVNT ac40 5510MHz Ant1



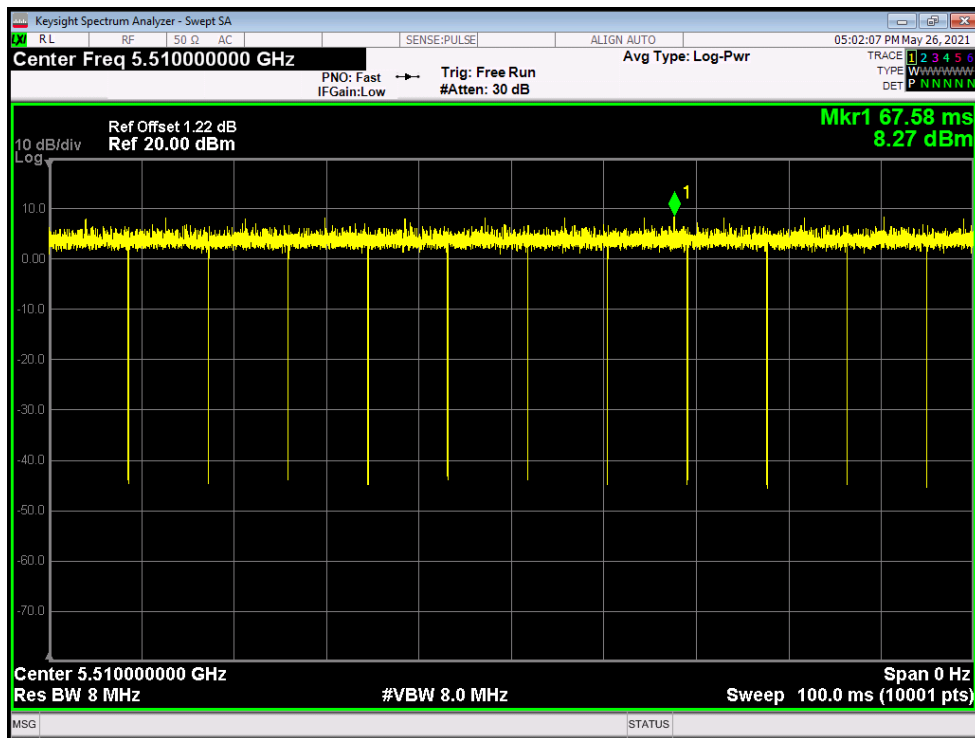
Duty Cycle NVNT ac40 5590MHz Ant1



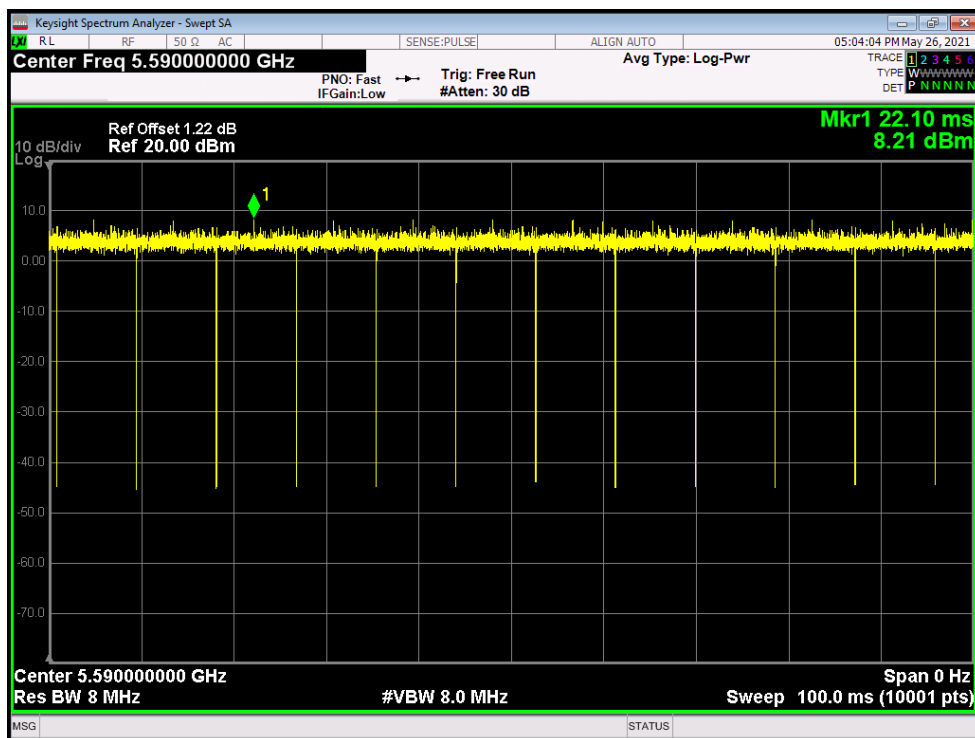
Duty Cycle NVNT ac40 5670MHz Ant1



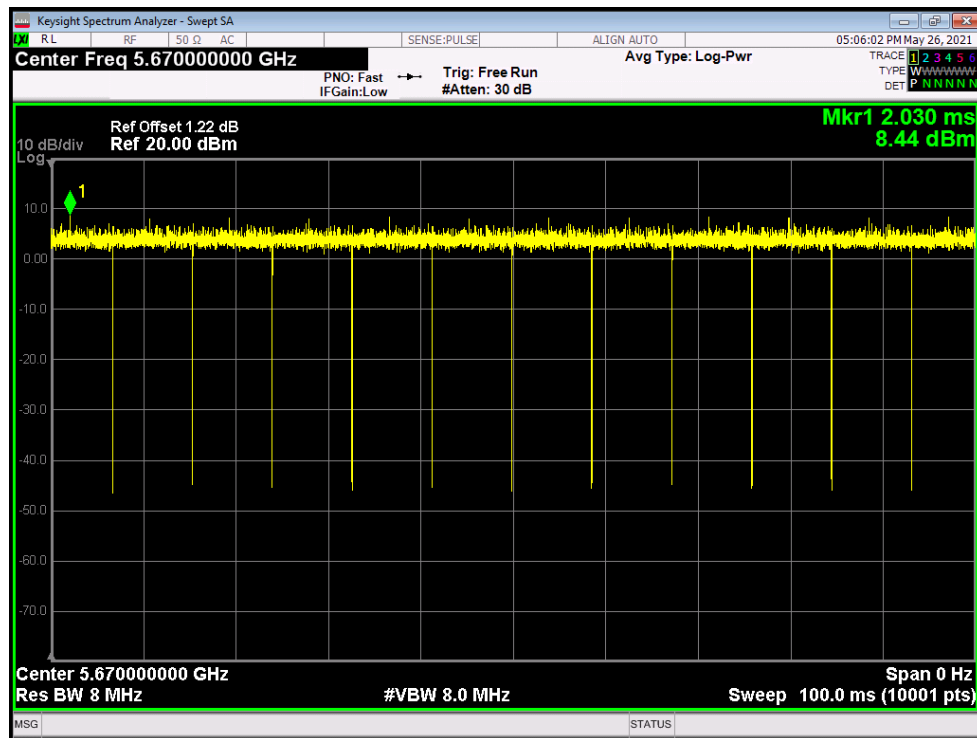
Duty Cycle NVNT ac40 5510MHz Ant2



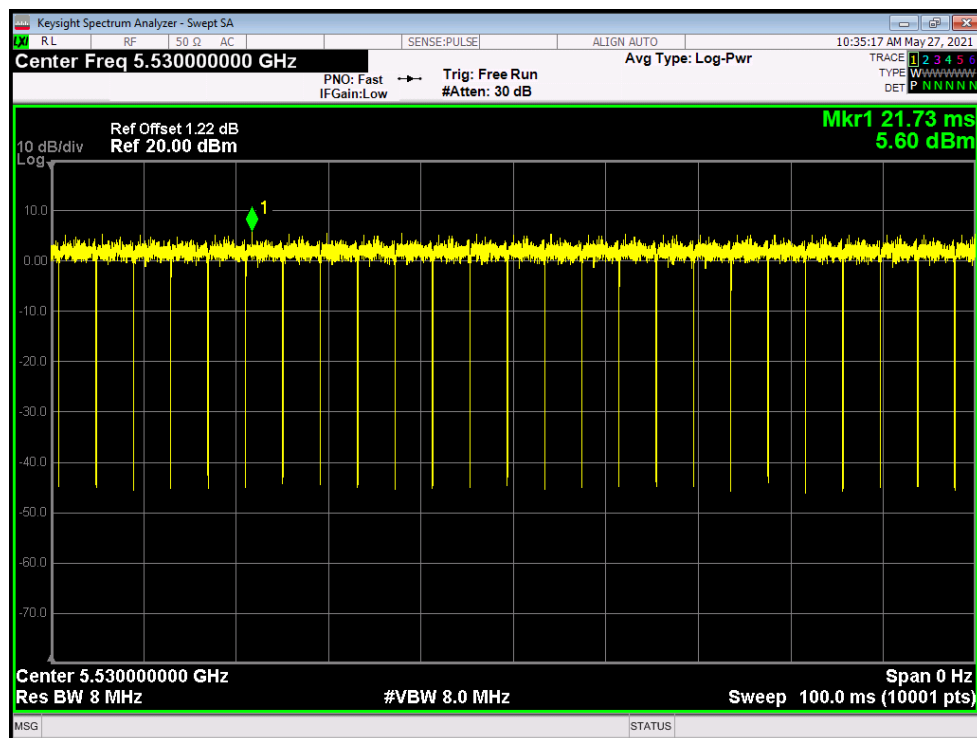
Duty Cycle NVNT ac40 5590MHz Ant2



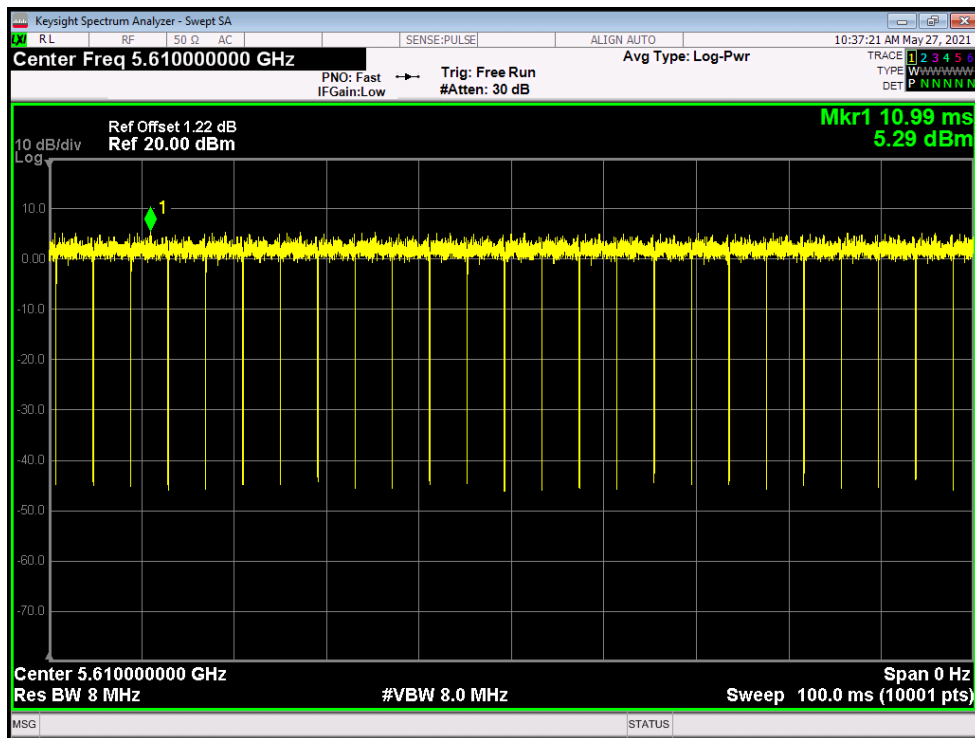
Duty Cycle NVNT ac40 5670MHz Ant2



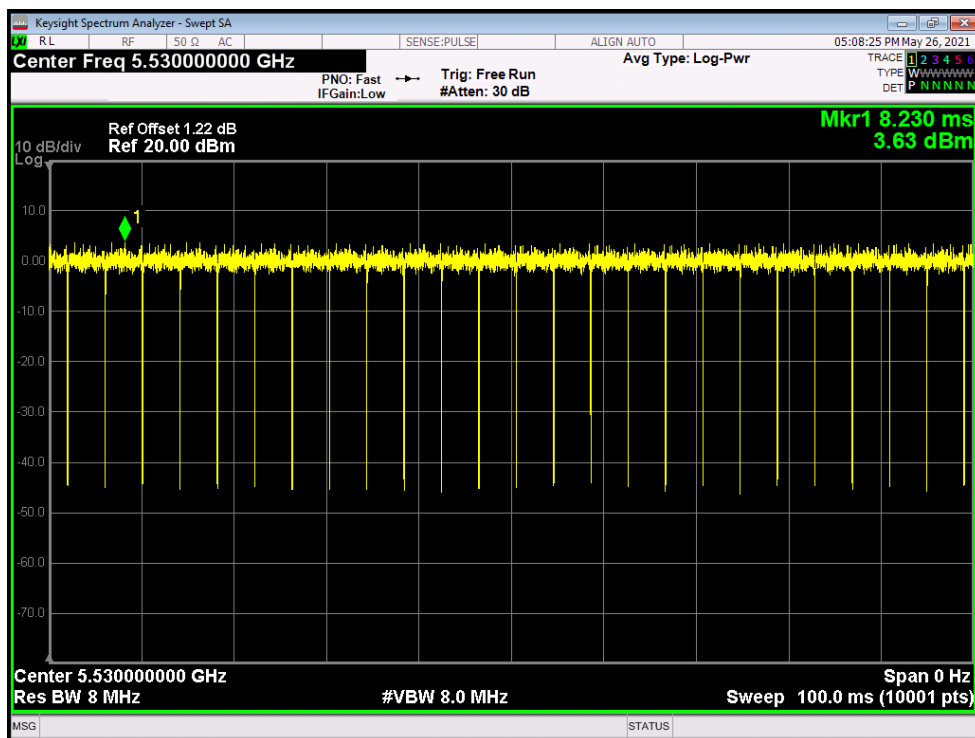
Duty Cycle NVNT ac80 5530MHz Ant1



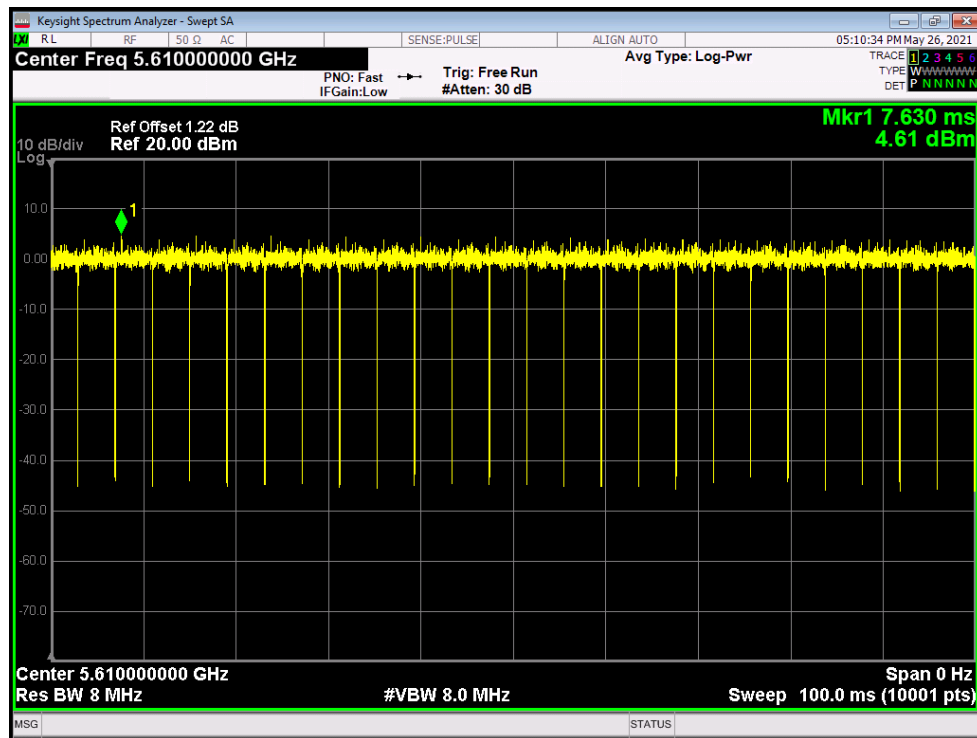
Duty Cycle NVNT ac80 5610MHz Ant1



Duty Cycle NVNT ac80 5530MHz Ant2



Duty Cycle NVNT ac80 5610MHz Ant2



Maximum Conducted Output Power

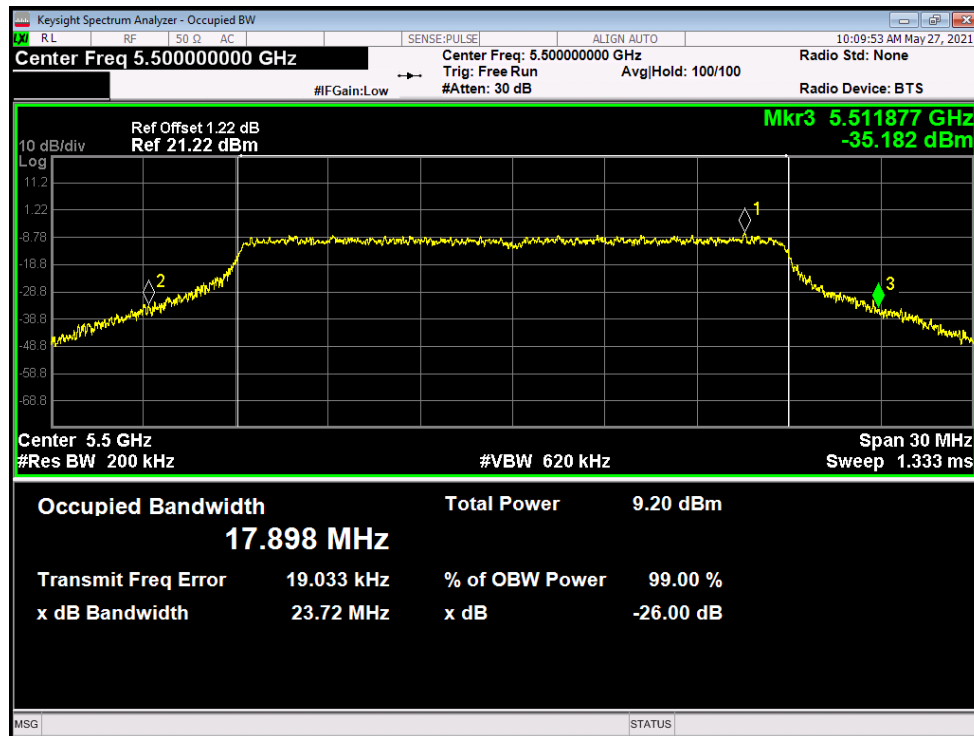
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	SISO Total Power (dBm)	SISO Limit (dBm)	MIMO Total Power (dBm)	MIMO Limit (dBm)	Verdict
NVNT	802.11ac20	5500	Ant1	3.895	0.01	3.905	22	6.319	22	Pass
NVNT	802.11ac20	5500	Ant2	2.608	0.01	2.618	22			
NVNT	802.11ac20	5600	Ant1	3.801	0.01	3.811	22	6.125	22	Pass
NVNT	802.11ac20	5600	Ant2	2.274	0.01	2.284	22			
NVNT	802.11ac20	5700	Ant1	4.192	0.01	4.202	22	6.733	22	Pass
NVNT	802.11ac20	5700	Ant2	3.173	0.01	3.183	22			
NVNT	802.11ac40	5510	Ant1	5.801	0.02	5.821	22	7.979	22	Pass
NVNT	802.11ac40	5510	Ant2	3.886	0.02	3.906	22			
NVNT	802.11ac40	5590	Ant1	5.761	0.02	5.781	22	7.975	22	Pass
NVNT	802.11ac40	5590	Ant2	3.938	0.02	3.958	22			
NVNT	802.11ac40	5670	Ant1	5.587	0.02	5.607	22	7.905	22	Pass
NVNT	802.11ac40	5670	Ant2	4.022	0.02	4.042	22			
NVNT	802.11ac80	5530	Ant1	4.624	0.05	4.674	22	7.018	22	Pass
NVNT	802.11ac80	5530	Ant2	3.17	0.05	3.22	22			
NVNT	802.11ac80	5610	Ant1	4.68	0.05	4.73	22	6.993	22	Pass
NVNT	802.11ac80	5610	Ant2	3.029	0.05	3.079	22			

-26dB Bandwidth

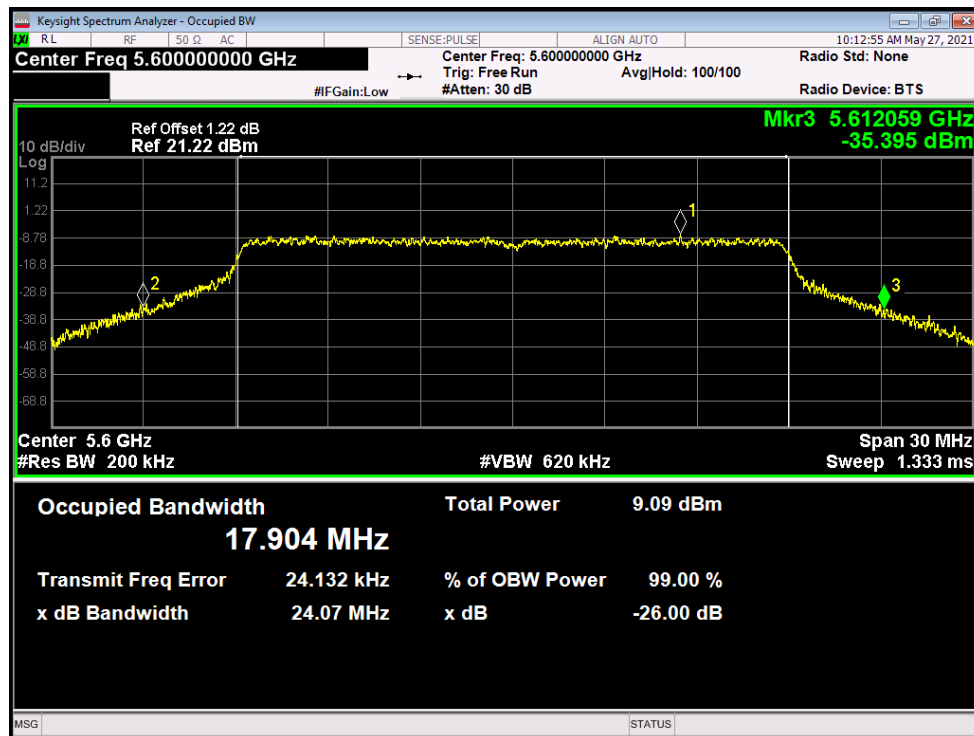
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	ac20	5500	Ant1	23.716
NVNT	ac20	5600	Ant1	24.069

NVNT	ac20	5700	Ant1	23.571
NVNT	ac20	5500	Ant2	23.489
NVNT	ac20	5600	Ant2	23.597
NVNT	ac20	5700	Ant2	23.287
NVNT	ac40	5510	Ant1	43.213
NVNT	ac40	5590	Ant1	42.458
NVNT	ac40	5670	Ant1	42.214
NVNT	ac40	5510	Ant2	41.895
NVNT	ac40	5590	Ant2	41.589
NVNT	ac40	5670	Ant2	41.219
NVNT	ac80	5530	Ant1	83.292
NVNT	ac80	5610	Ant1	83.677
NVNT	ac80	5530	Ant2	80.871
NVNT	ac80	5610	Ant2	80.933

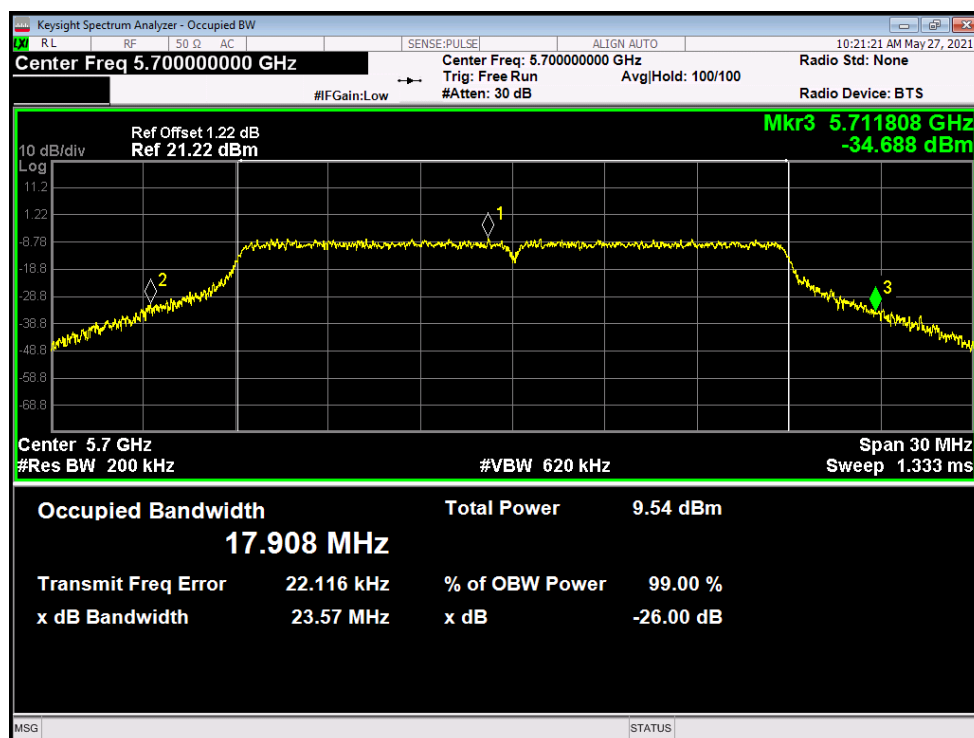
-26dB Bandwidth NVNT ac20 5500MHz Ant1



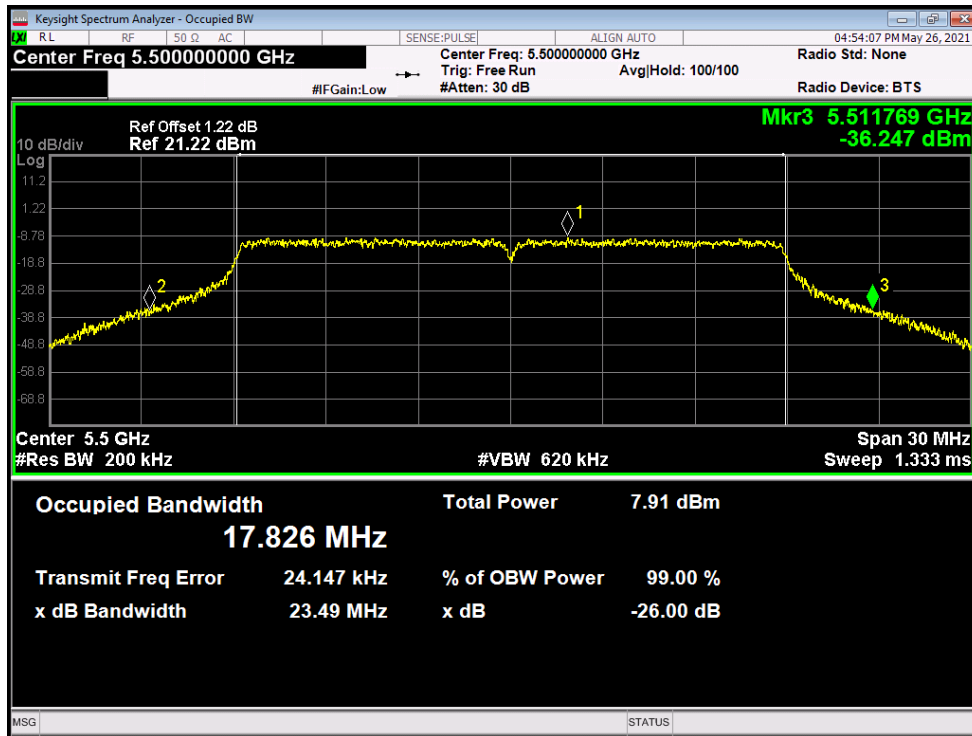
-26dB Bandwidth NVNT ac20 5600MHz Ant1



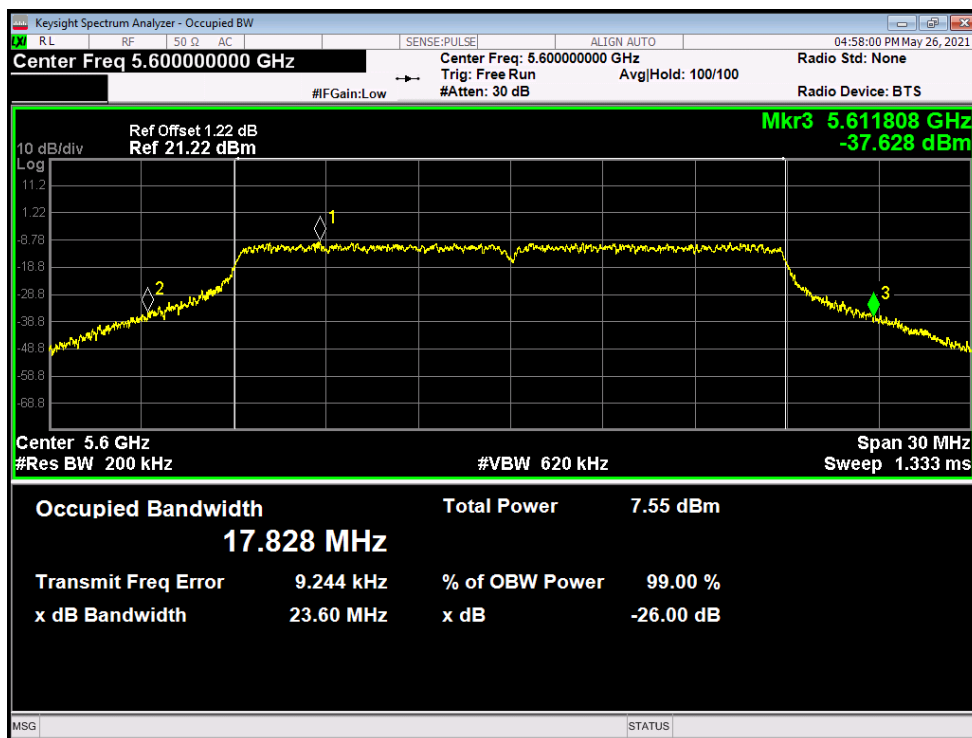
-26dB Bandwidth NVNT ac20 5700MHz Ant1



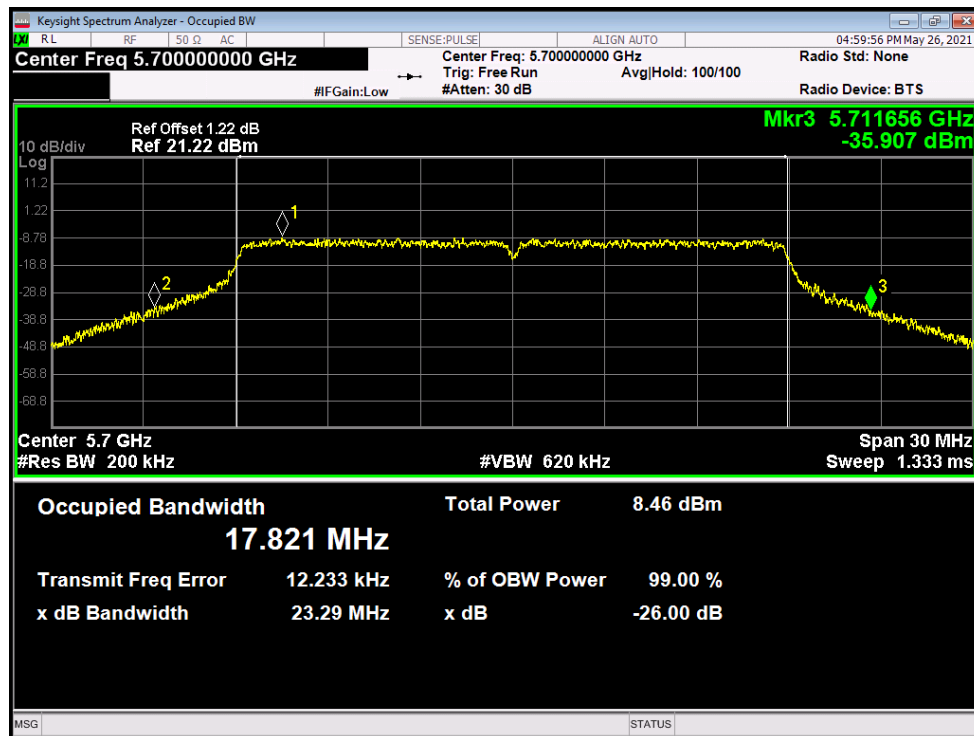
-26dB Bandwidth NVNT ac20 5500MHz Ant2



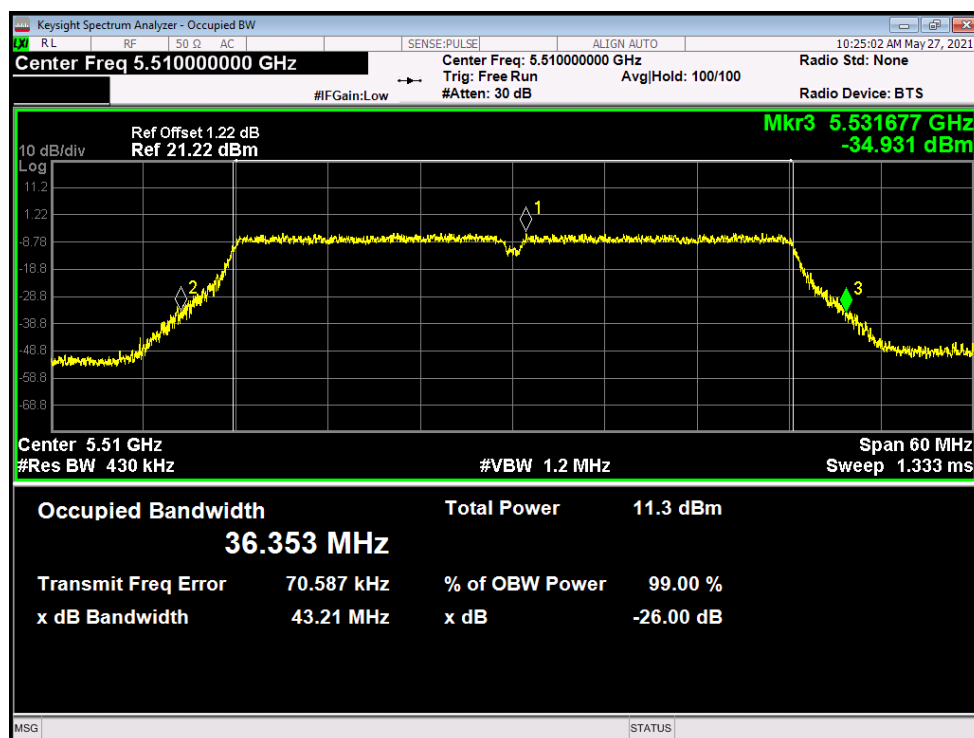
-26dB Bandwidth NVNT ac20 5600MHz Ant2



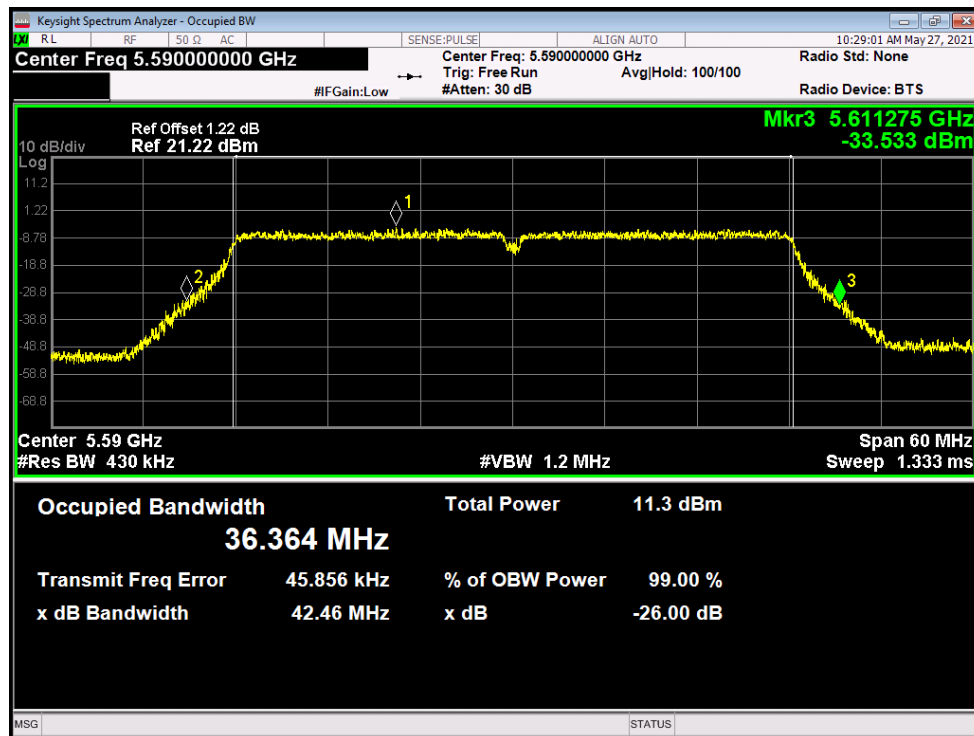
-26dB Bandwidth NVNT ac20 5700MHz Ant2



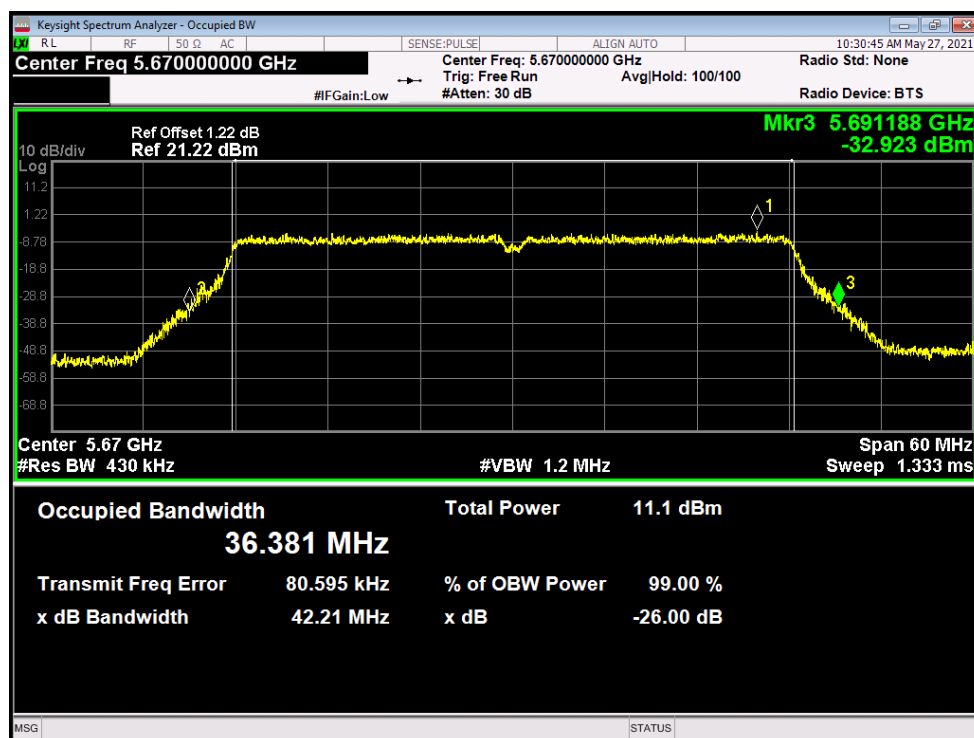
-26dB Bandwidth NVNT ac40 5510MHz Ant1



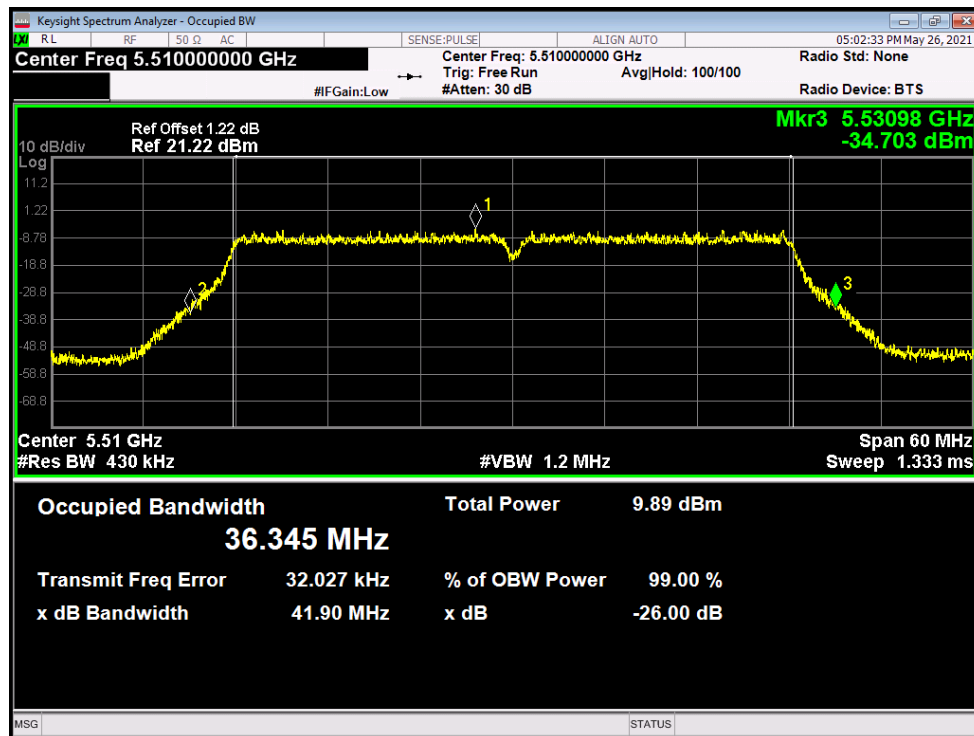
-26dB Bandwidth NVNT ac40 5590MHz Ant1



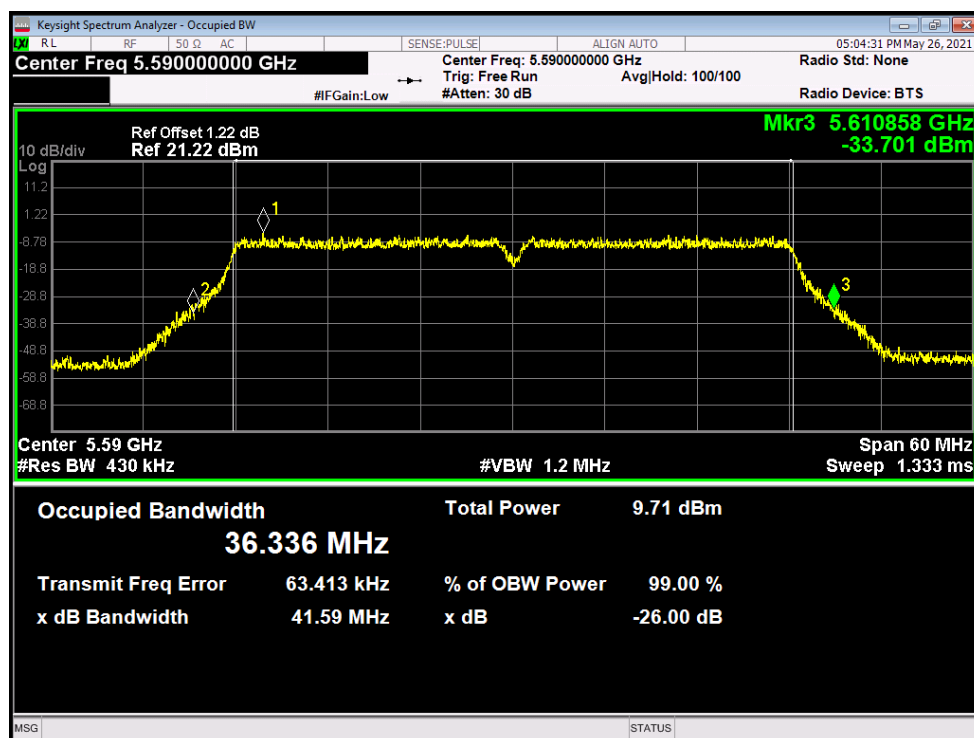
-26dB Bandwidth NVNT ac40 5670MHz Ant1



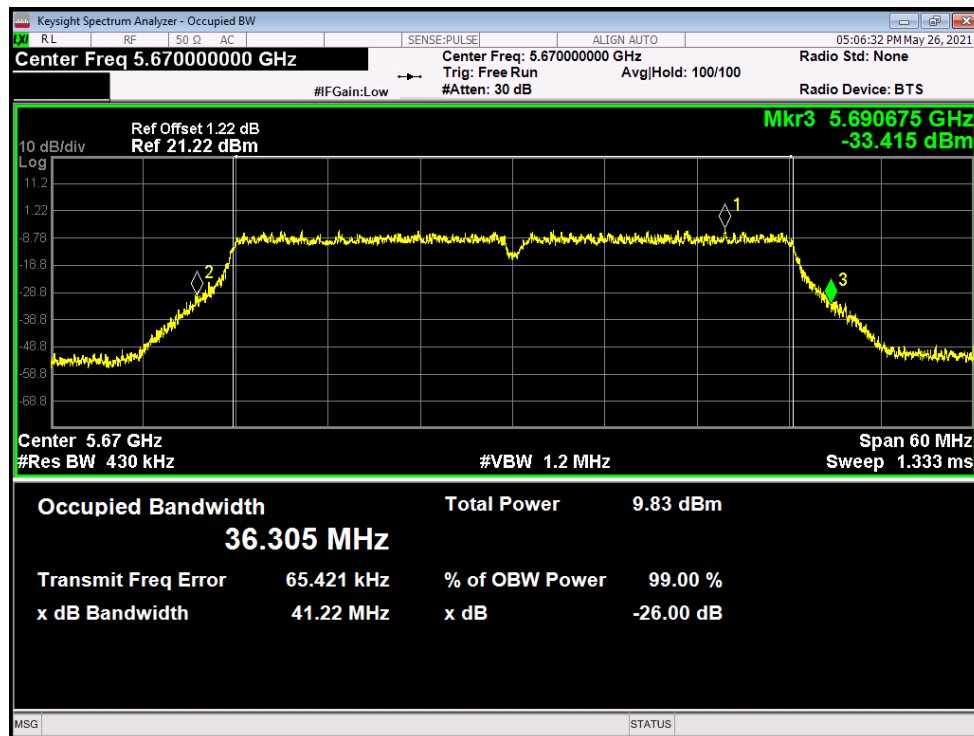
-26dB Bandwidth NVNT ac40 5510MHz Ant2



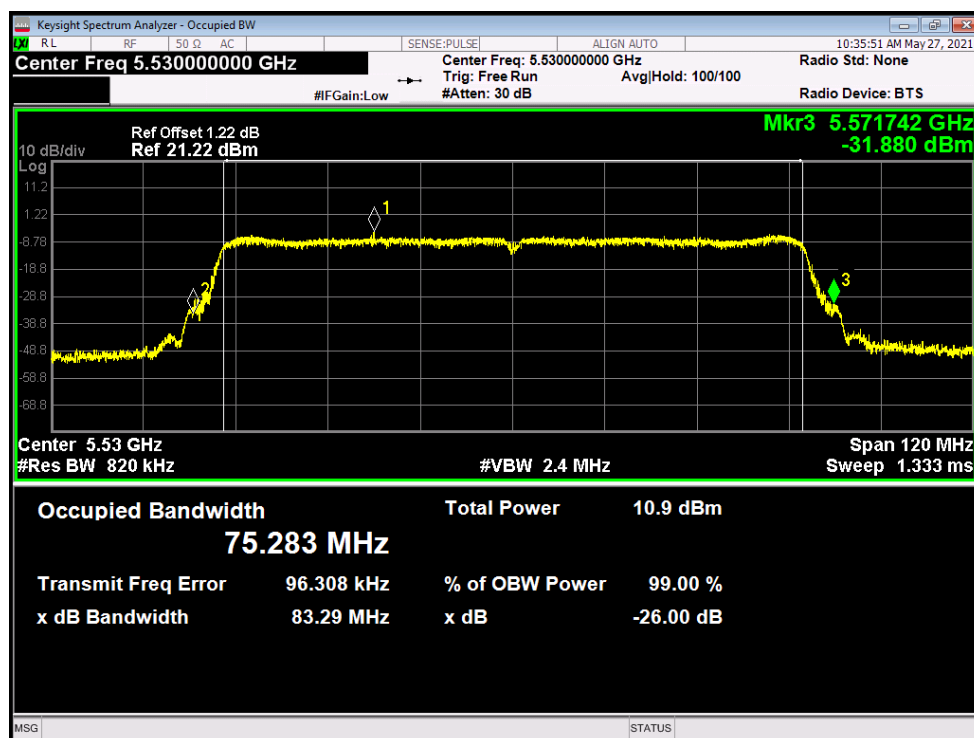
-26dB Bandwidth NVNT ac40 5590MHz Ant2



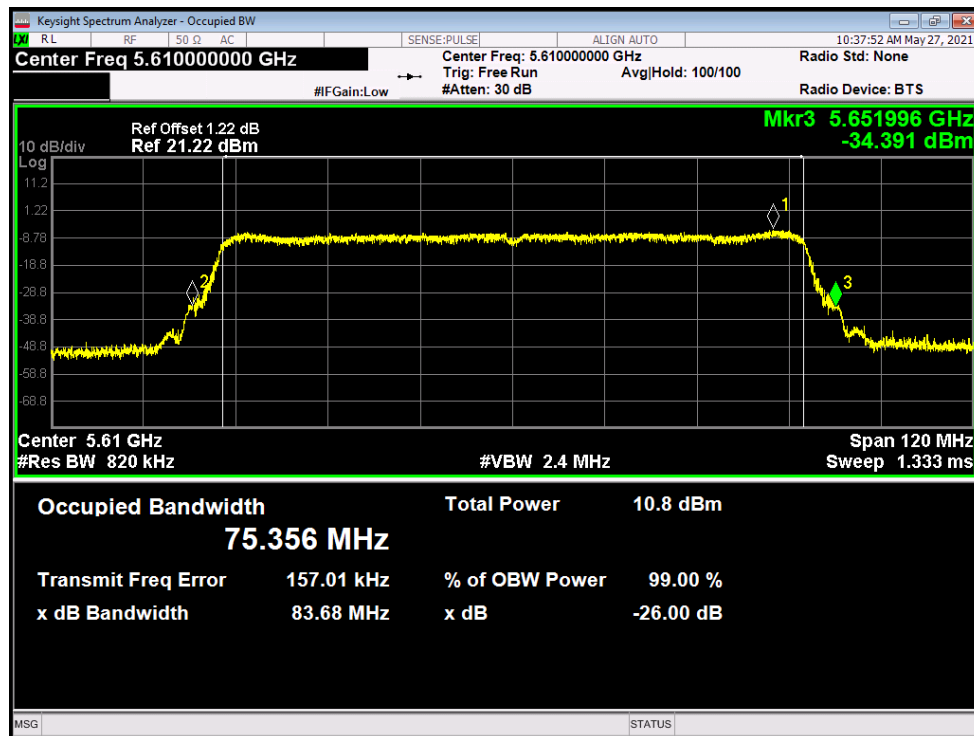
-26dB Bandwidth NVNT ac40 5670MHz Ant2



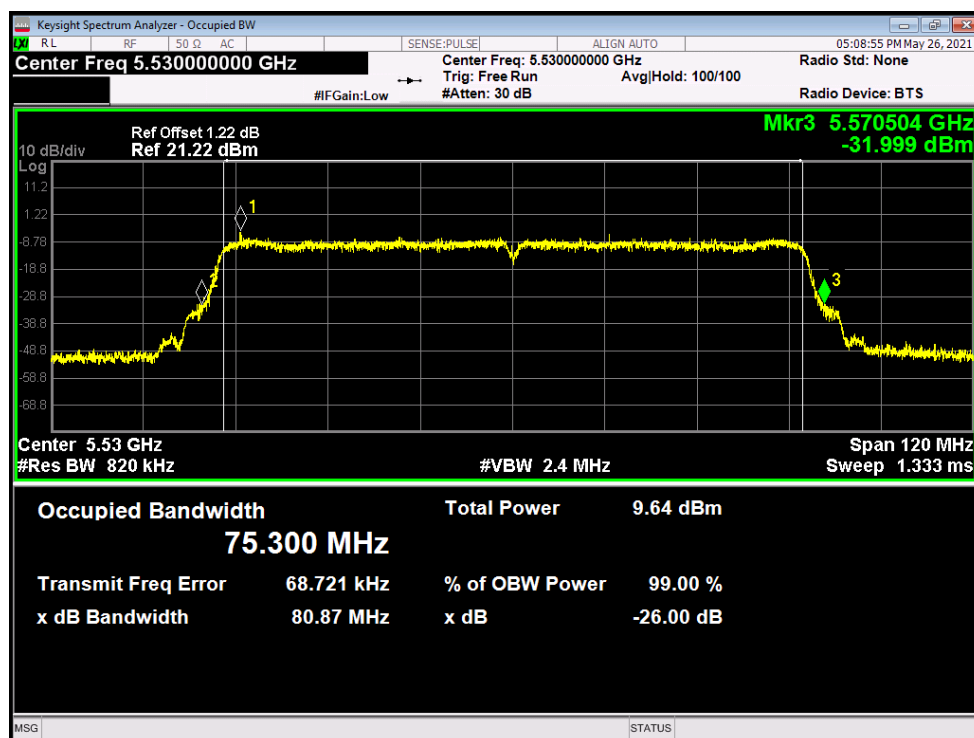
-26dB Bandwidth NVNT ac80 5530MHz Ant1



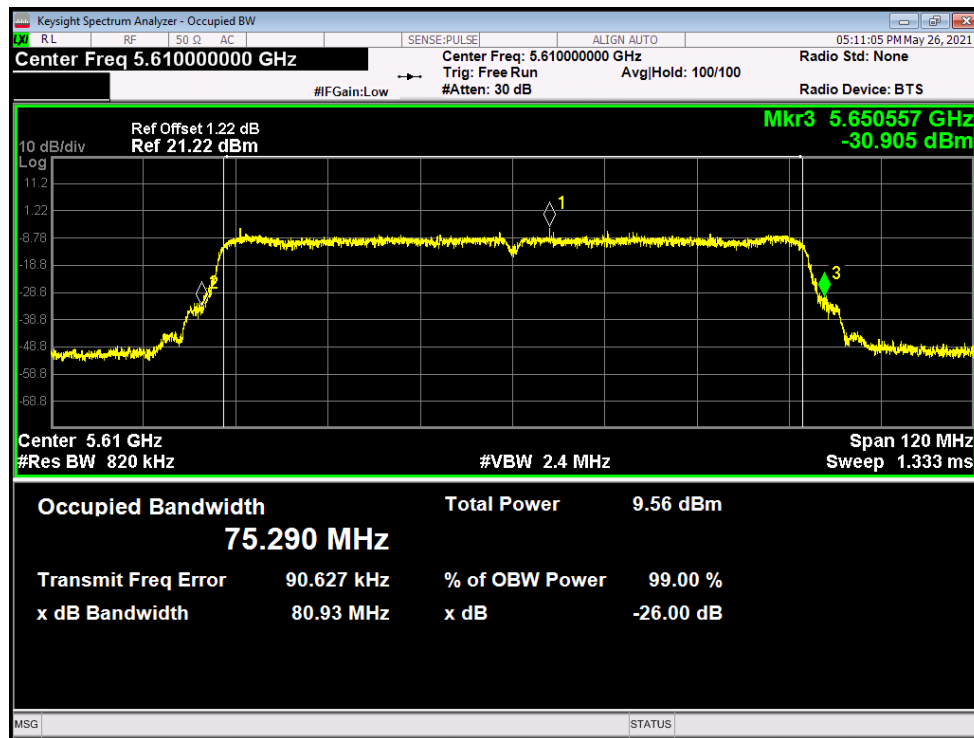
-26dB Bandwidth NVNT ac80 5610MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant2



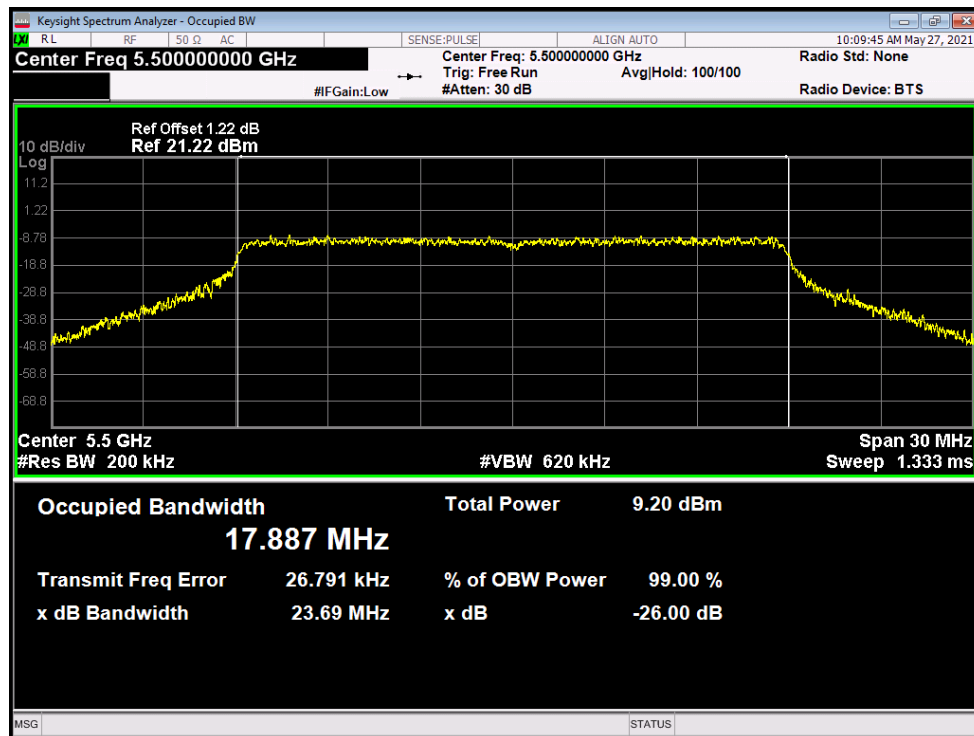
-26dB Bandwidth NVNT ac80 5610MHz Ant2



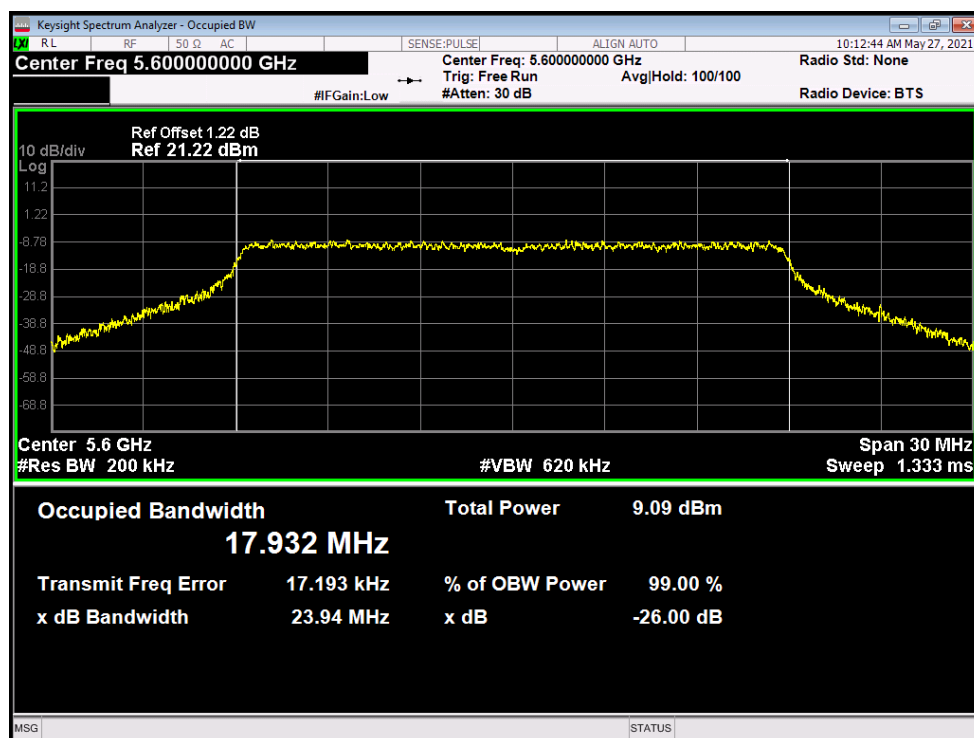
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ac20	5500	Ant1	17.887
NVNT	ac20	5600	Ant1	17.932
NVNT	ac20	5700	Ant1	17.908
NVNT	ac20	5500	Ant2	17.821
NVNT	ac20	5600	Ant2	17.831
NVNT	ac20	5700	Ant2	17.841
NVNT	ac40	5510	Ant1	36.388
NVNT	ac40	5590	Ant1	36.345
NVNT	ac40	5670	Ant1	36.375
NVNT	ac40	5510	Ant2	36.304
NVNT	ac40	5590	Ant2	36.308
NVNT	ac40	5670	Ant2	36.346
NVNT	ac80	5530	Ant1	75.347
NVNT	ac80	5610	Ant1	75.304
NVNT	ac80	5530	Ant2	75.316
NVNT	ac80	5610	Ant2	75.316

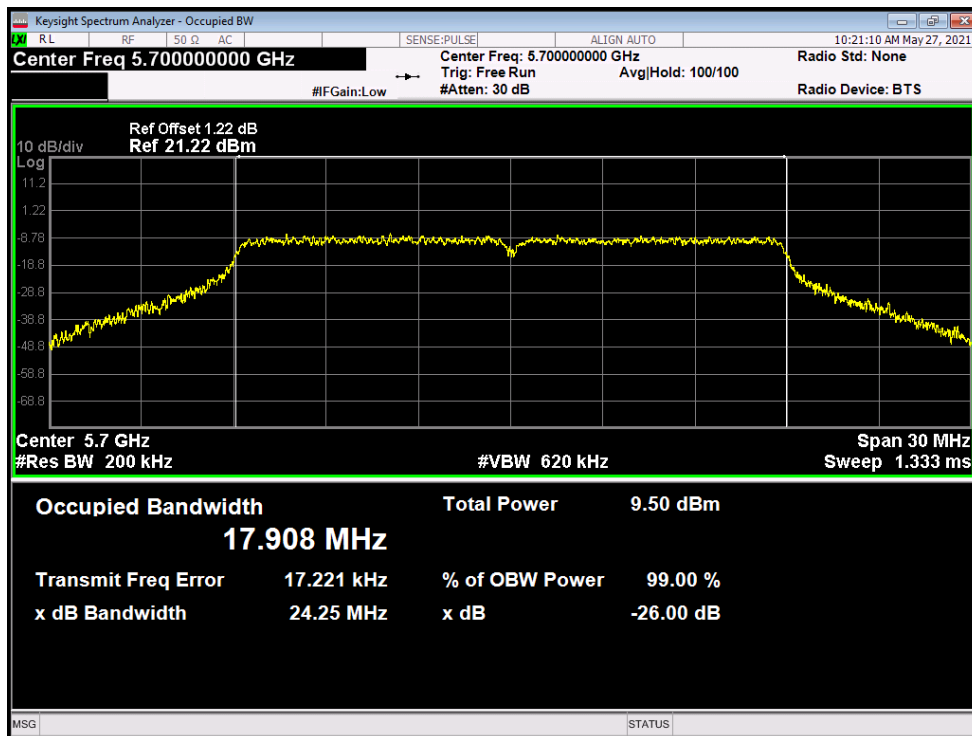
OBW NVNT ac20 5500MHz Ant1



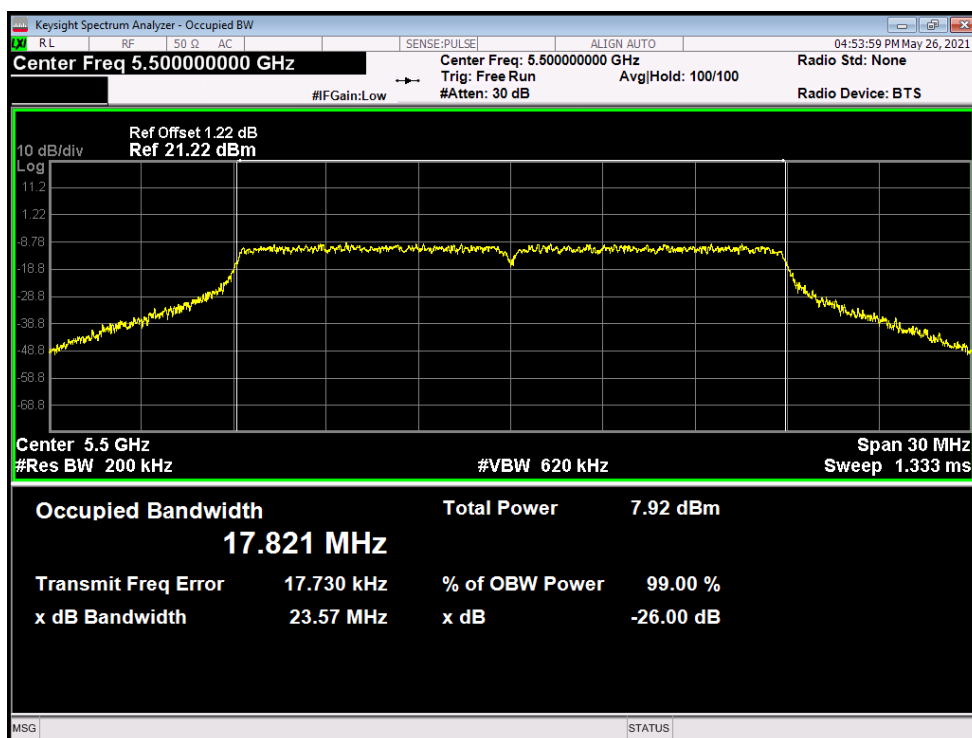
OBW NVNT ac20 5600MHz Ant1



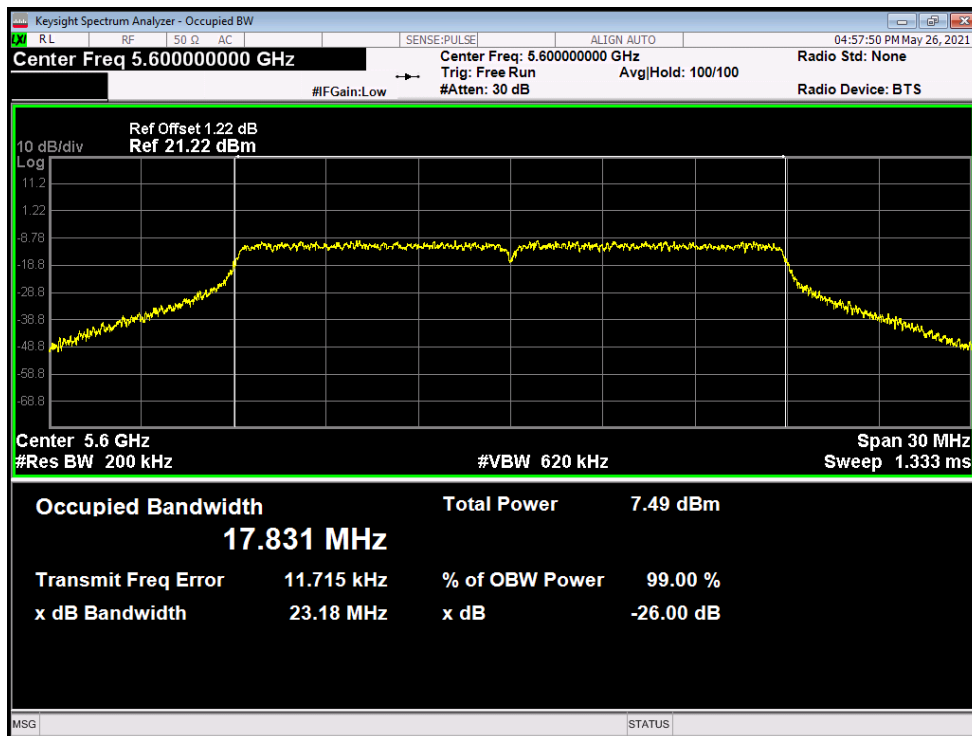
OBW NVNT ac20 5700MHz Ant1



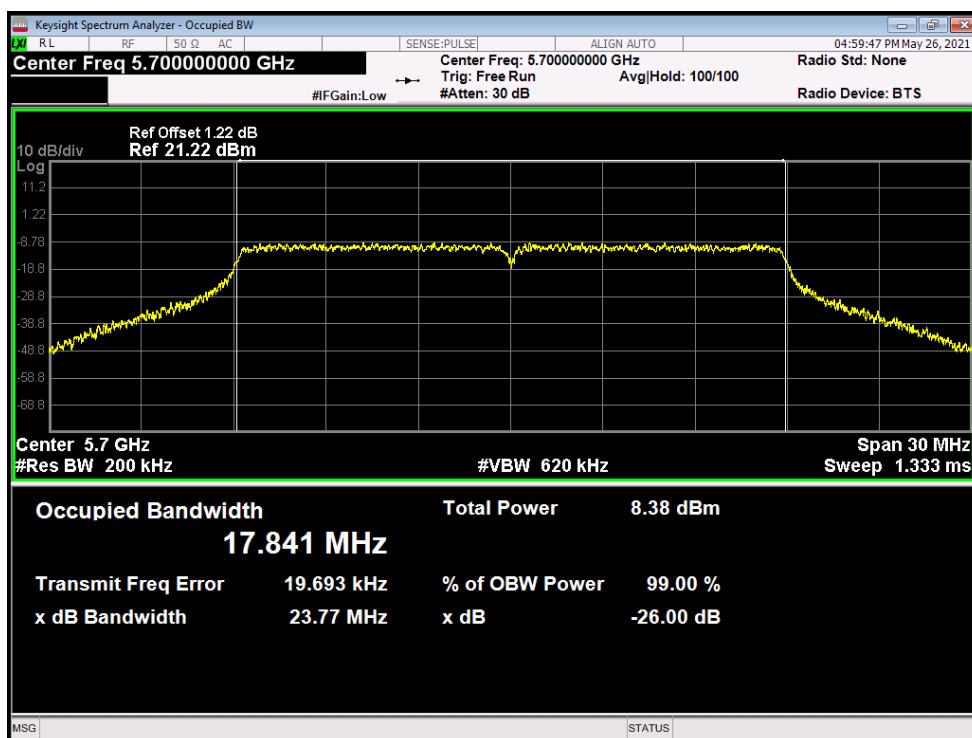
OBW NVNT ac20 5500MHz Ant2



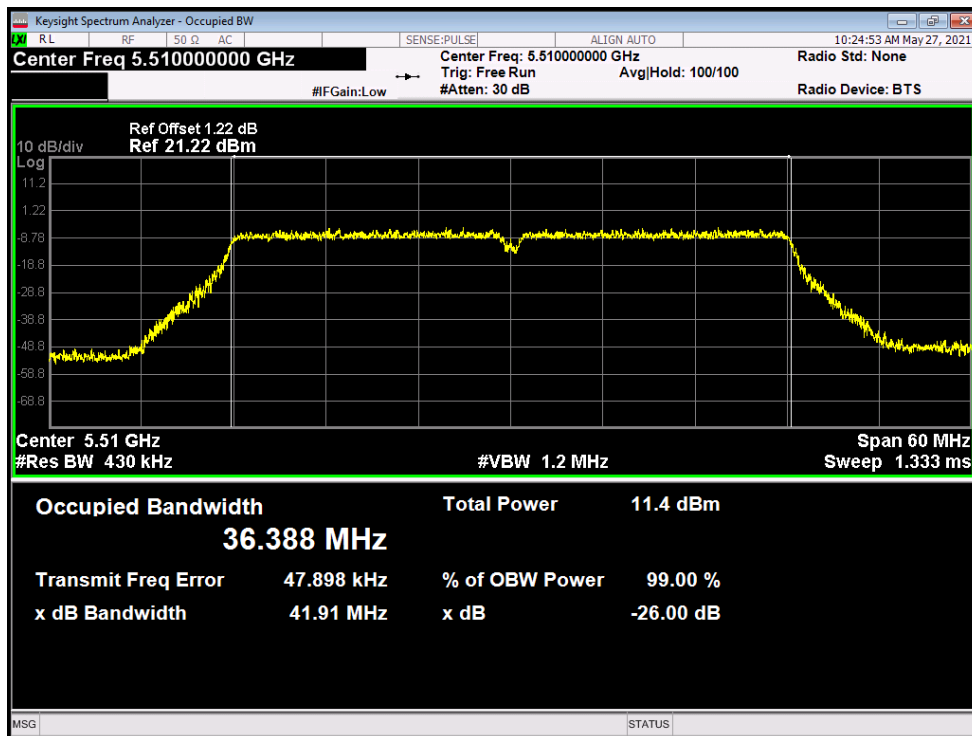
OBW NVNT ac20 5600MHz Ant2



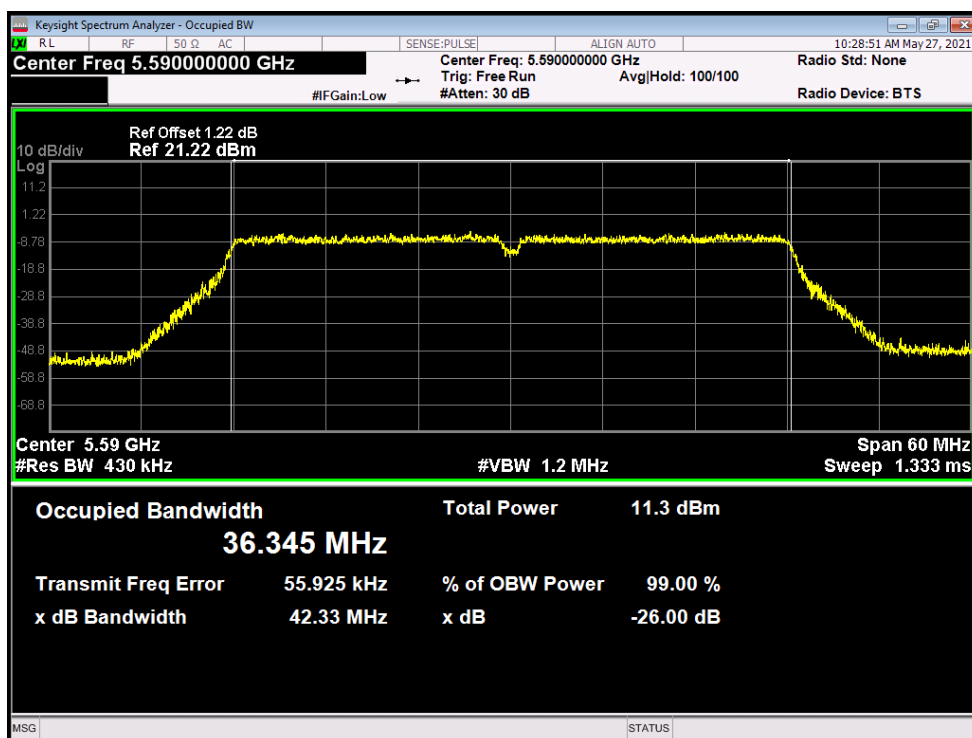
OBW NVNT ac20 5700MHz Ant2



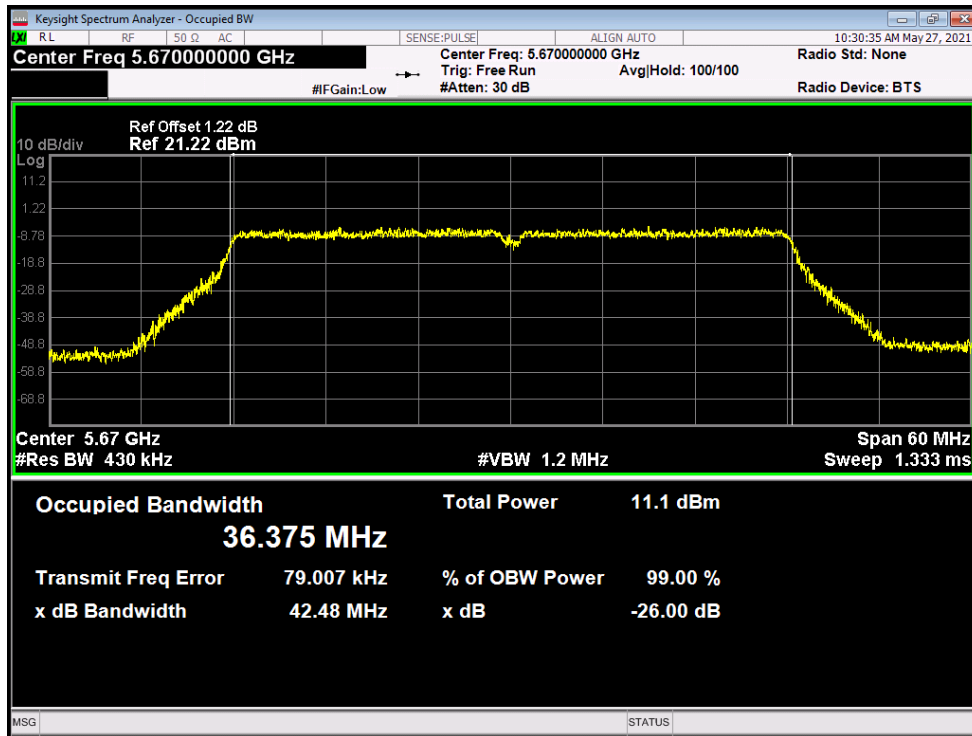
OBW NVNT ac40 5510MHz Ant1



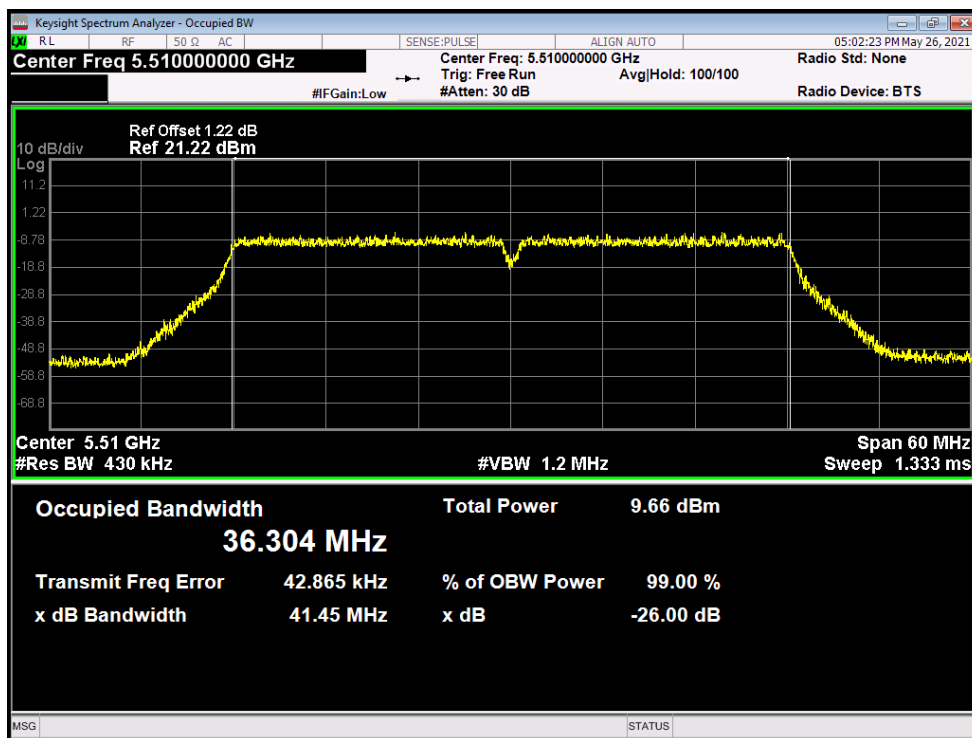
OBW NVNT ac40 5590MHz Ant1



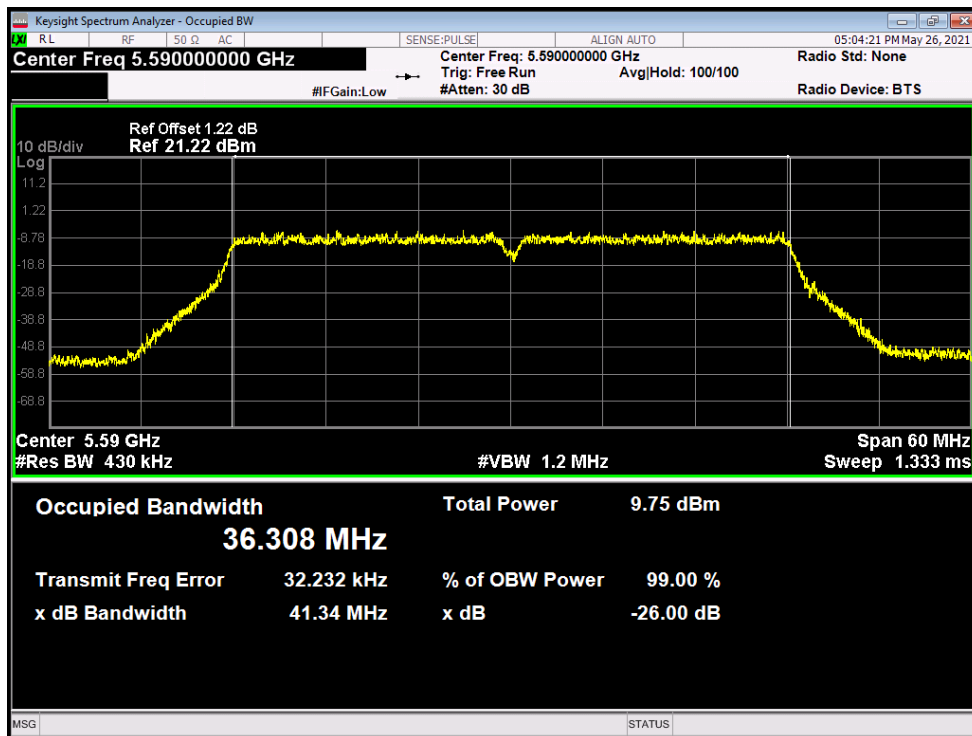
OBW NVNT ac40 5670MHz Ant1



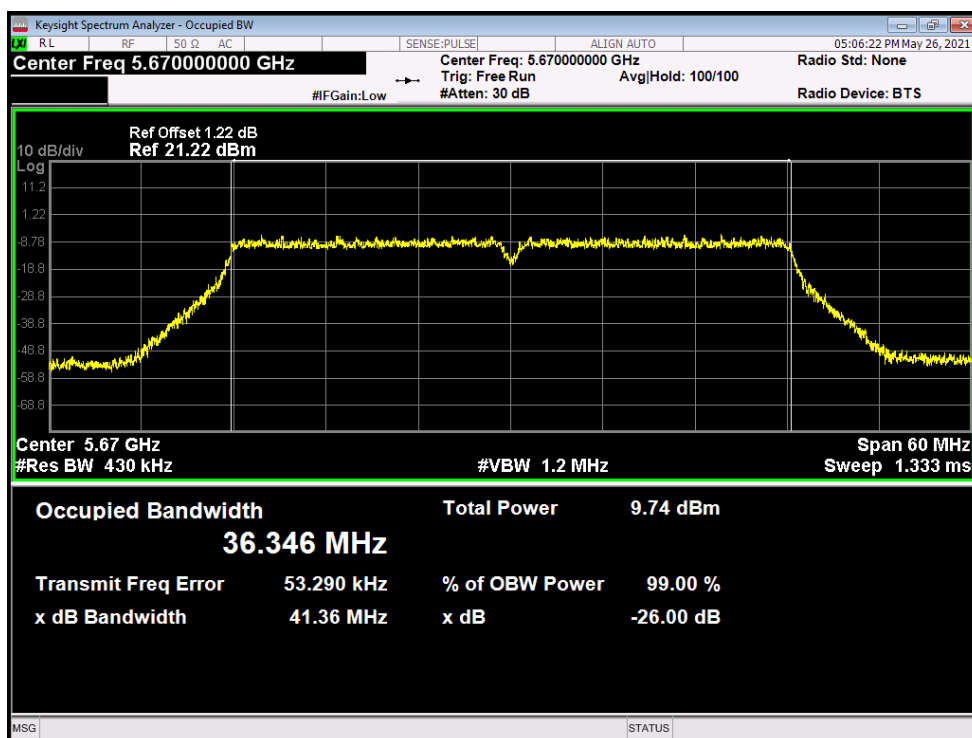
OBW NVNT ac40 5510MHz Ant2



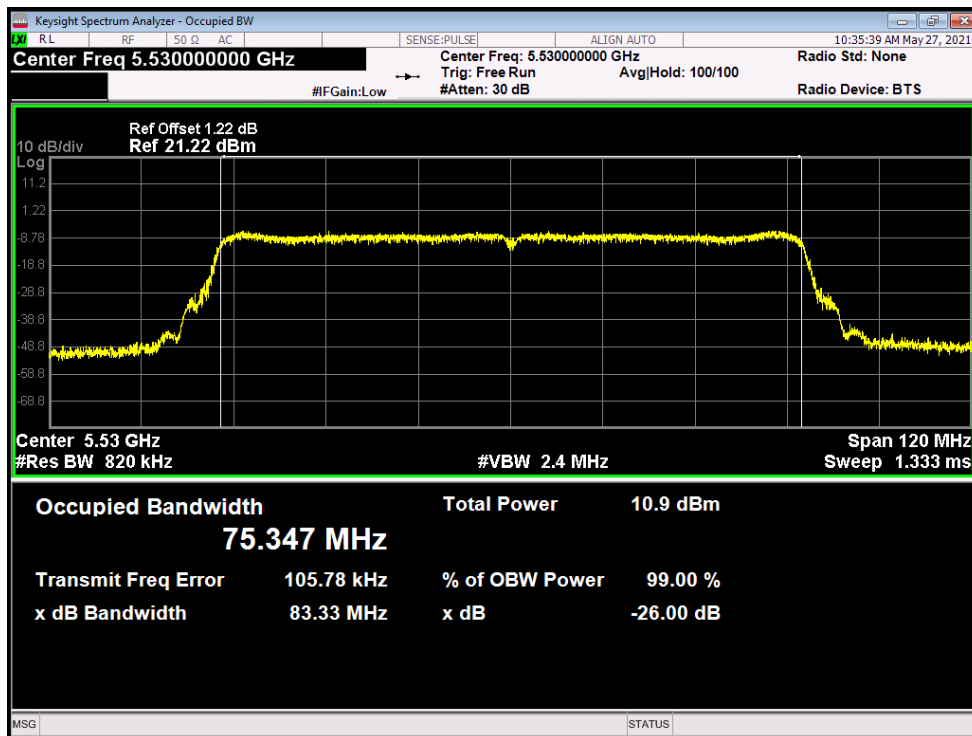
OBW NVNT ac40 5590MHz Ant2



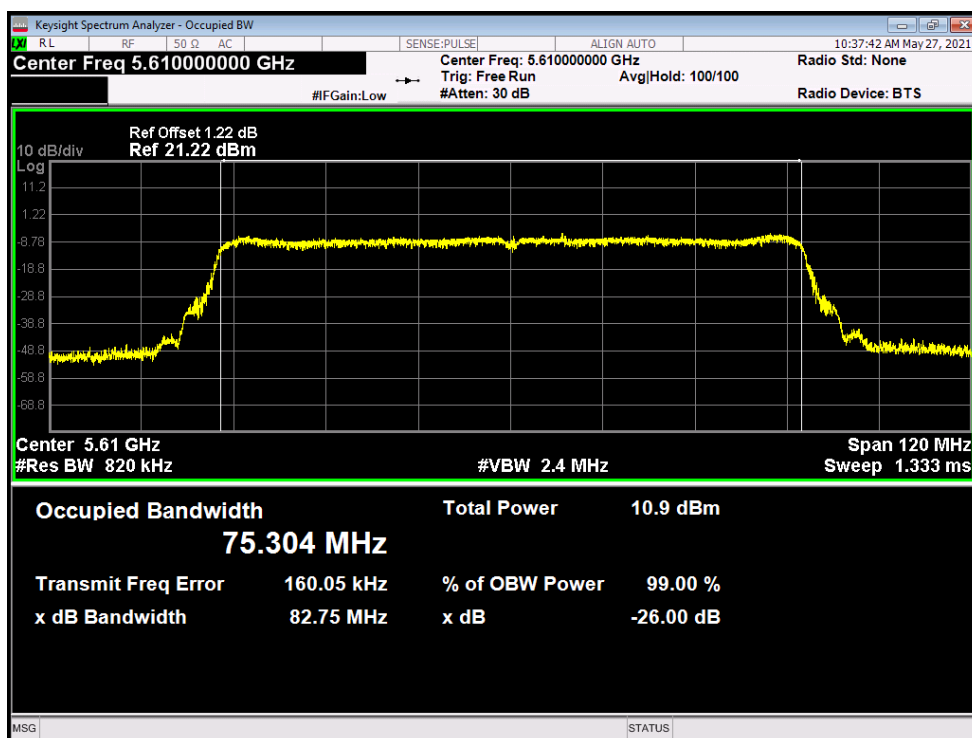
OBW NVNT ac40 5670MHz Ant2



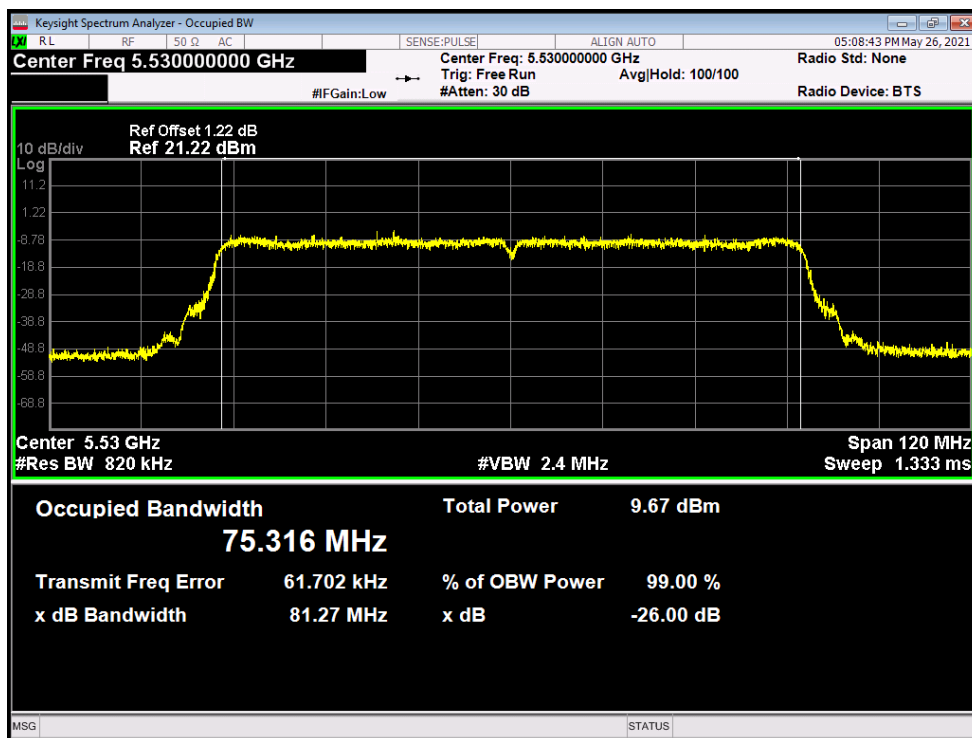
OBW NVNT ac80 5530MHz Ant1



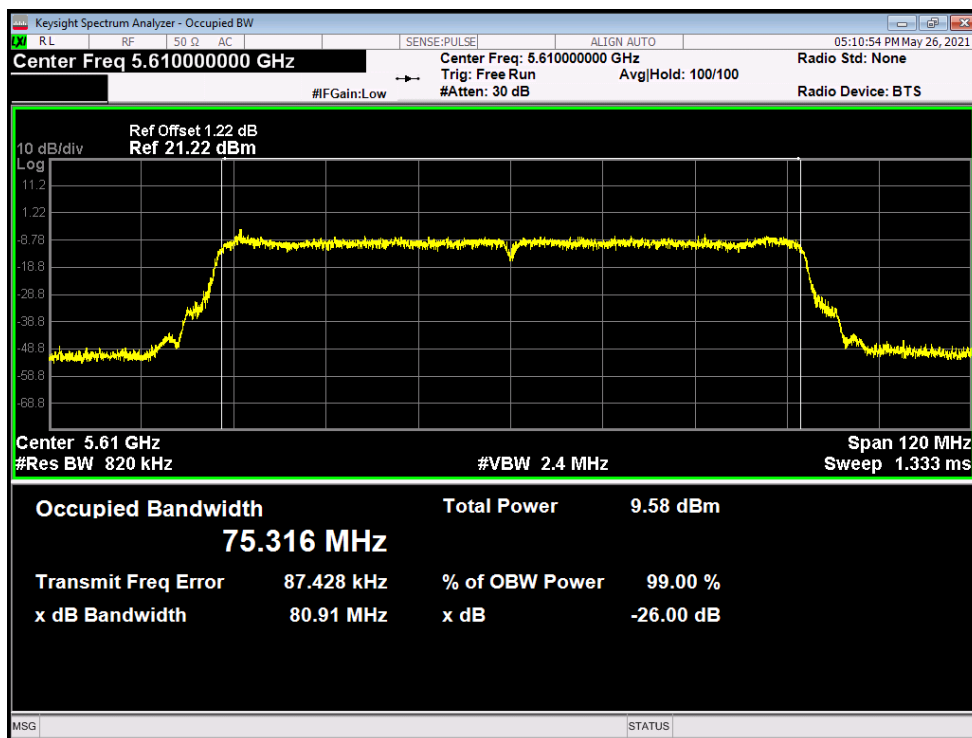
OBW NVNT ac80 5610MHz Ant1



OBW NVNT ac80 5530MHz Ant2



OBW NVNT ac80 5610MHz Ant2

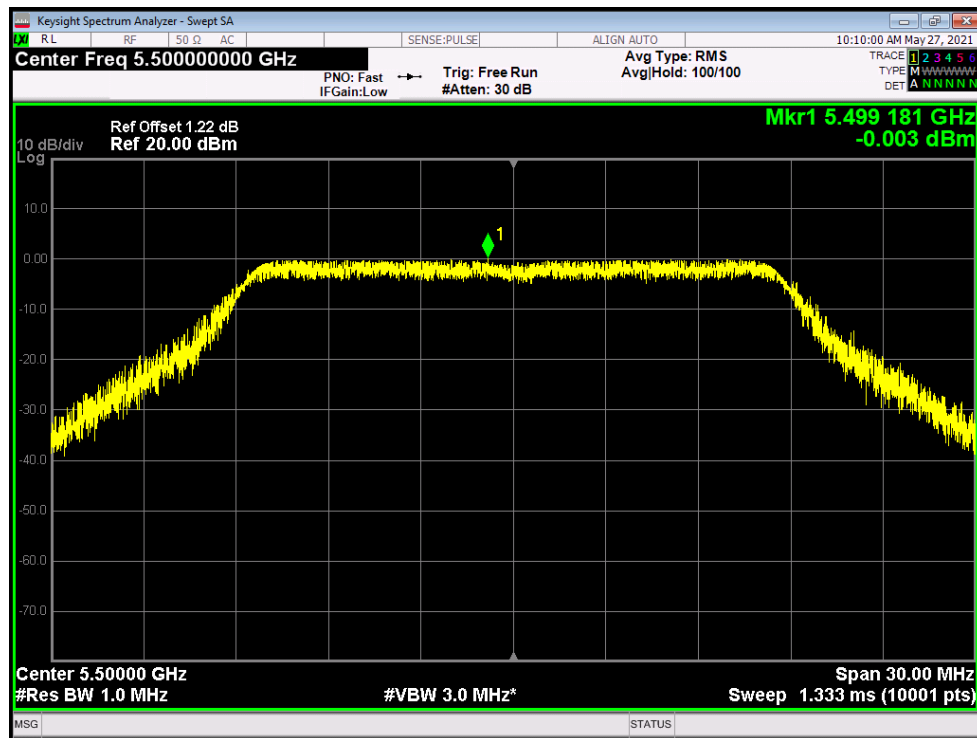


Maximum Power Spectral Density Level

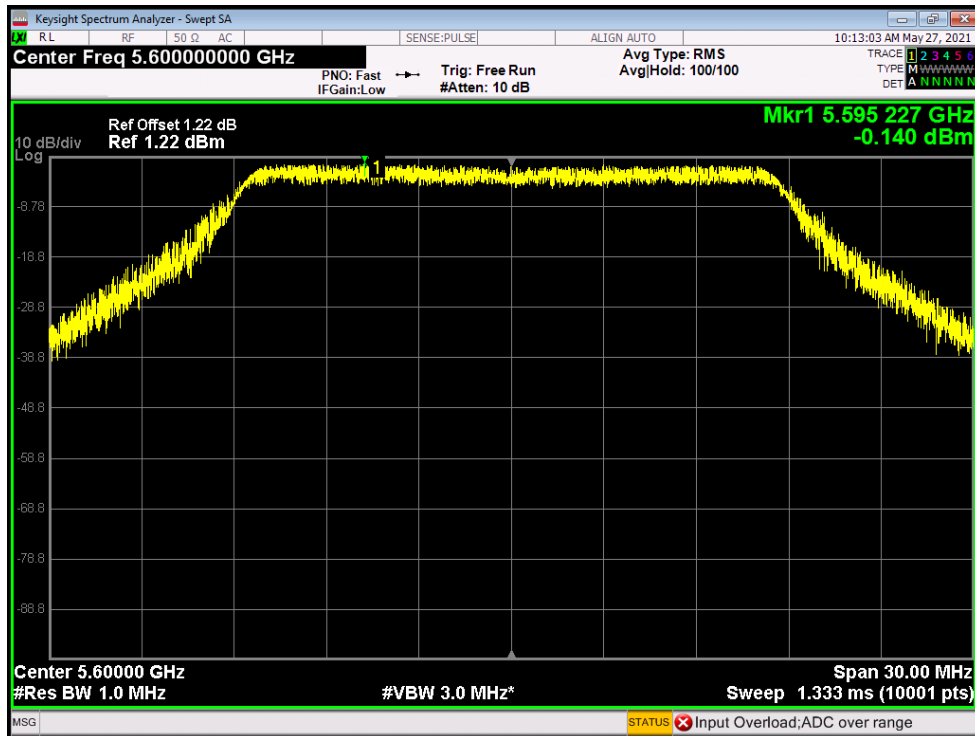
Condition	Mode	Frequency (MHz)	Antenna	SISO Max PSD (dBm)	SISO Limit (dBm)	MIMO Max PSD (dBm)	MIMO Limit (dBm)	Verdict
NVNT	802.11ac20	5500	Ant1	-0.003	5.99	3.17	5.99	Pass
NVNT	802.11ac20	5500	Ant2	0.316	5.99			
NVNT	802.11ac20	5600	Ant1	-0.14	5.99	2.927	5.99	Pass
NVNT	802.11ac20	5600	Ant2	-0.028	5.99			

NVNT	802.11ac20	5700	Ant1	0.194	5.99	3.287	5.99	Pass
NVNT	802.11ac20	5700	Ant2	0.357	5.99			
NVNT	802.11ac40	5510	Ant1	-1.085	5.99	2.154	5.99	Pass
NVNT	802.11ac40	5510	Ant2	-0.639	5.99			
NVNT	802.11ac40	5590	Ant1	-0.873	5.99	1.54	5.99	Pass
NVNT	802.11ac40	5590	Ant2	-2.162	5.99			
NVNT	802.11ac40	5670	Ant1	-0.777	5.99	2.205	5.99	Pass
NVNT	802.11ac40	5670	Ant2	-0.834	5.99			
NVNT	802.11ac80	5530	Ant1	-4.778	5.99	-1.681	5.99	Pass
NVNT	802.11ac80	5530	Ant2	-4.607	5.99			
NVNT	802.11ac80	5610	Ant1	-4.614	5.99	-1.73	5.99	Pass
NVNT	802.11ac80	5610	Ant2	-4.87	5.99			

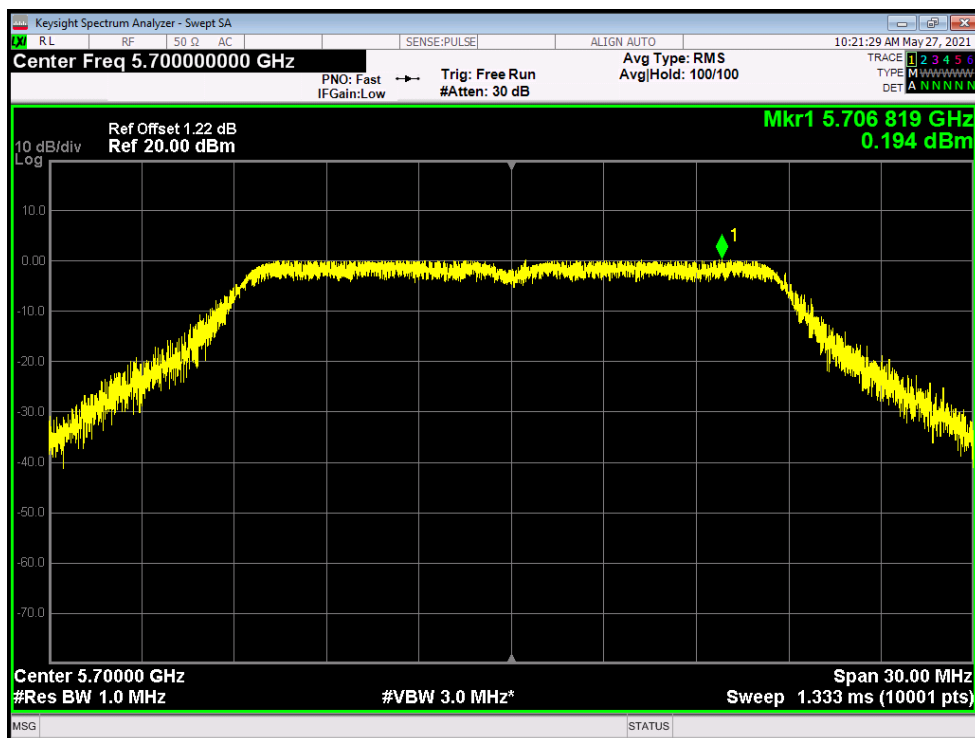
PSD NVNT ac20 5500MHz Ant1



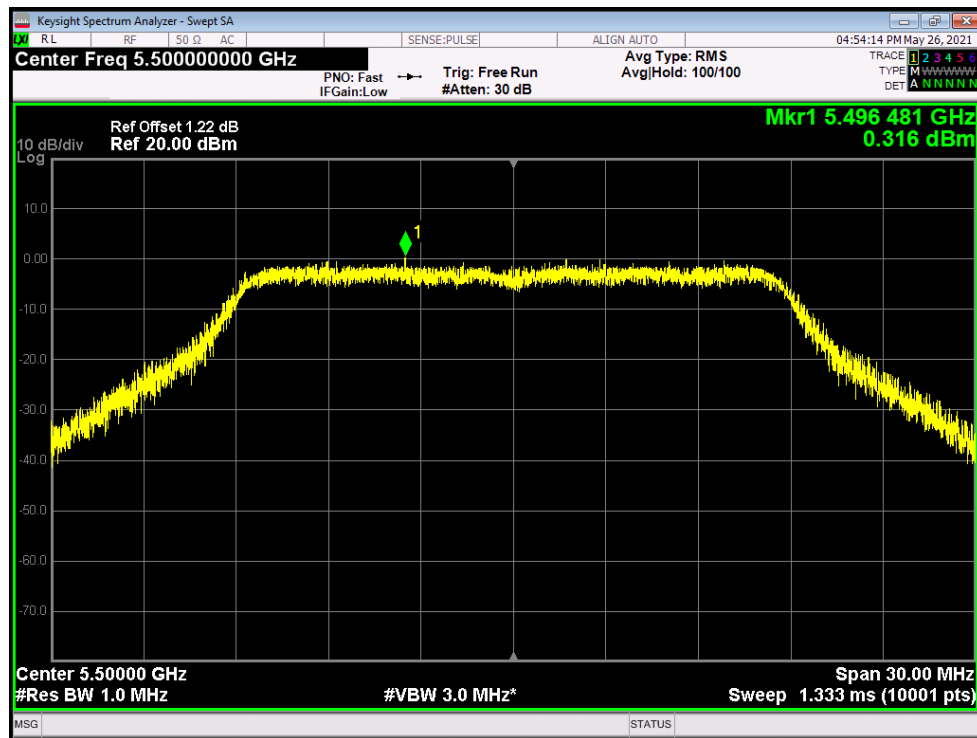
PSD NVNT ac20 5600MHz Ant1



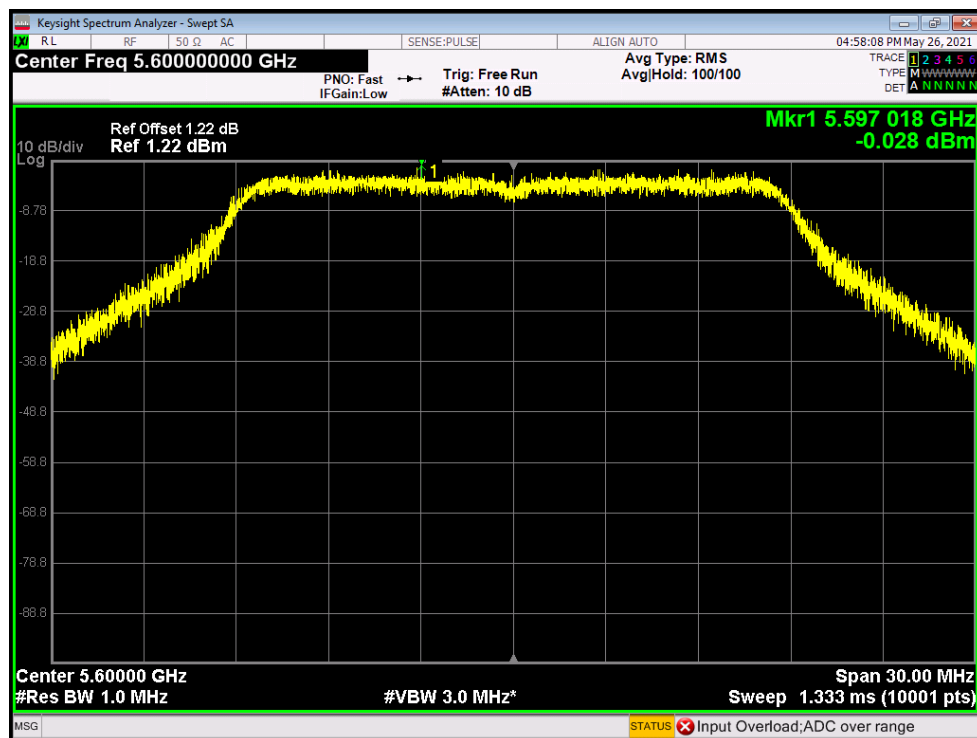
PSD NVNT ac20 5700MHz Ant1



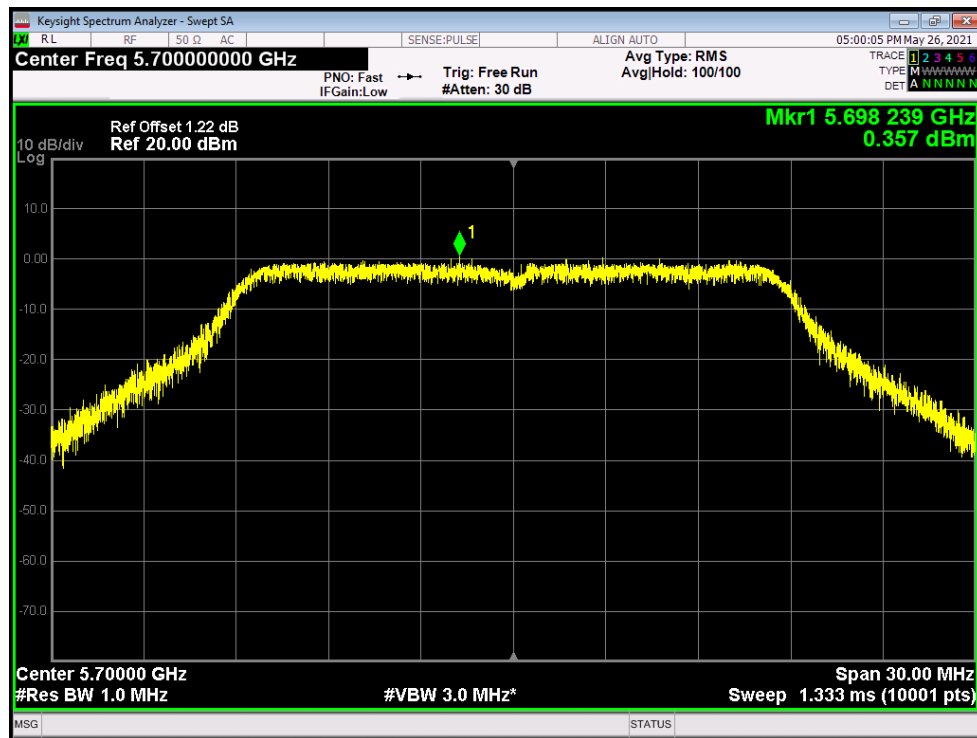
PSD NVNT ac20 5500MHz Ant2



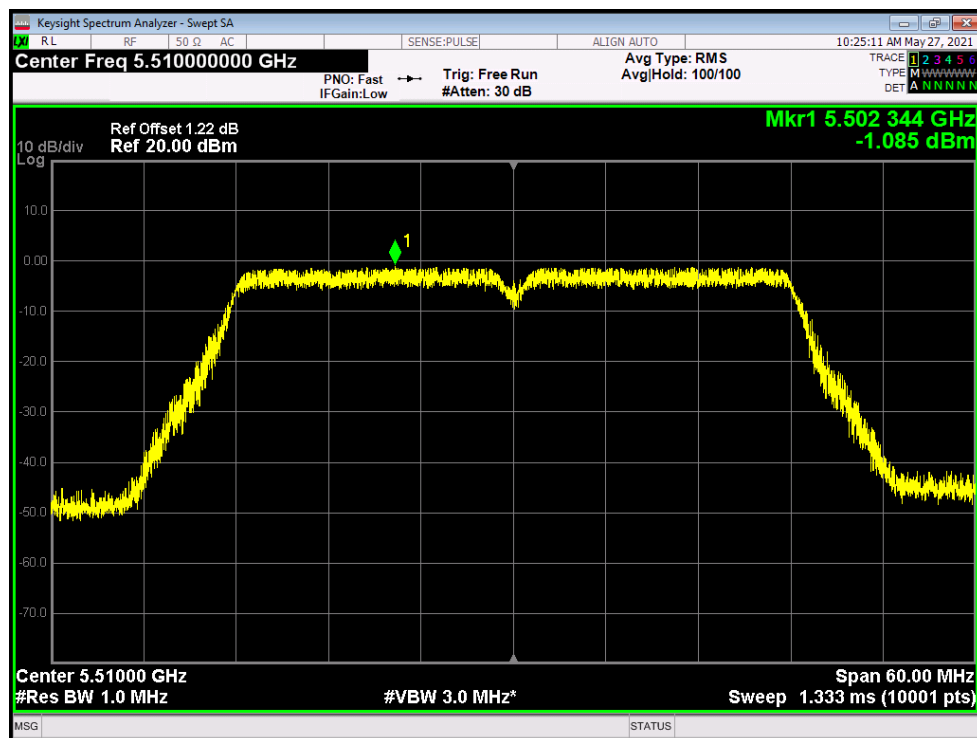
PSD NVNT ac20 5600MHz Ant2



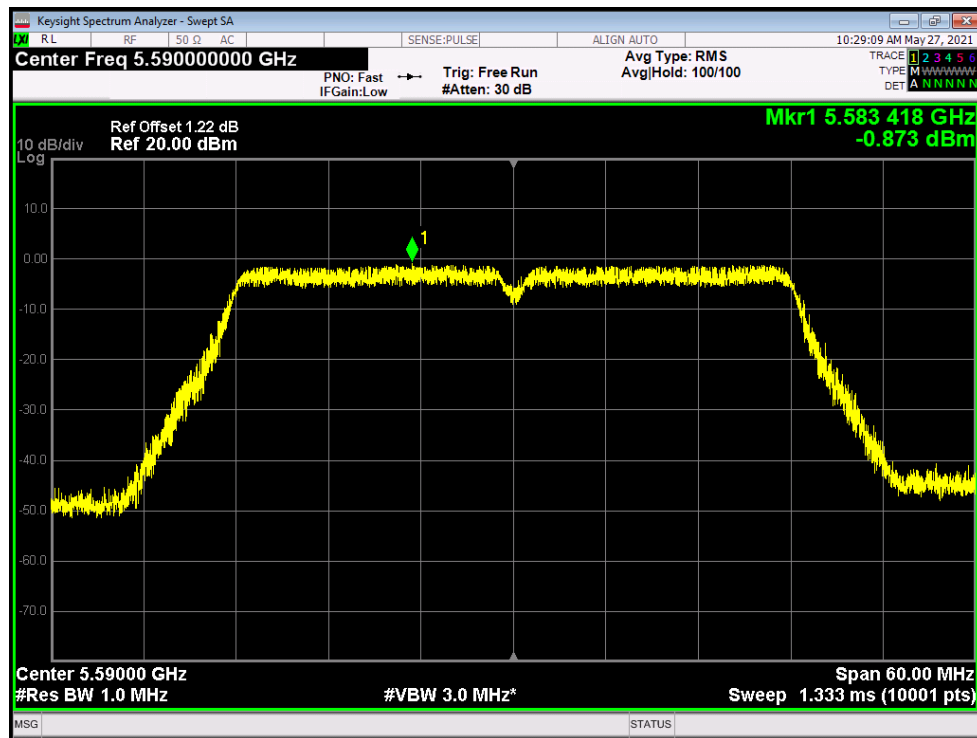
PSD NVNT ac20 5700MHz Ant2



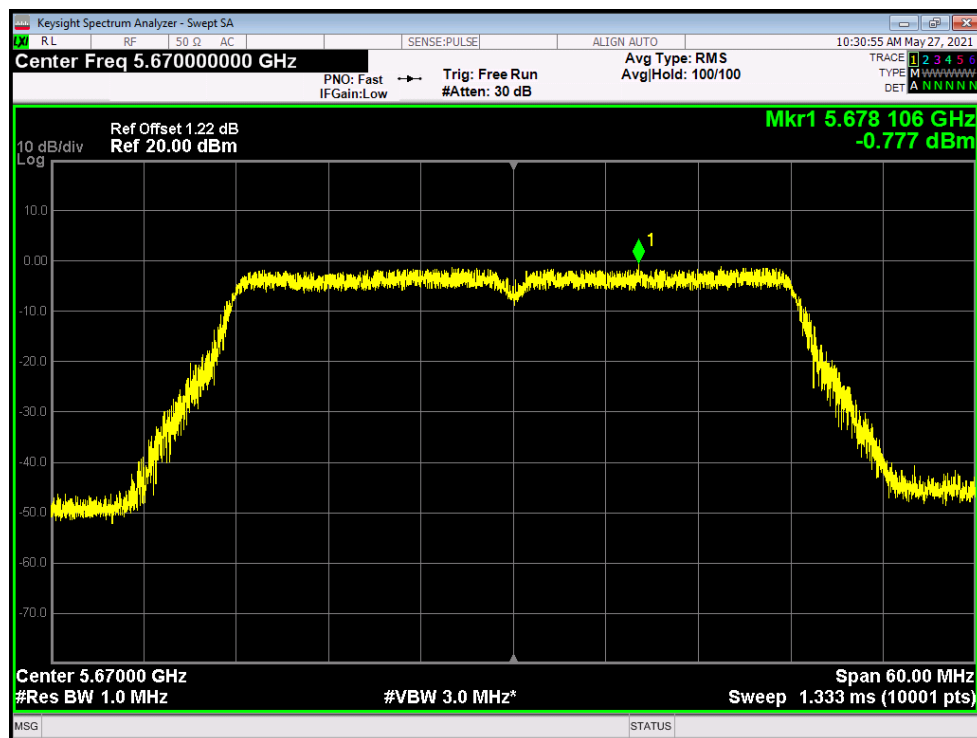
PSD NVNT ac40 5510MHz Ant1



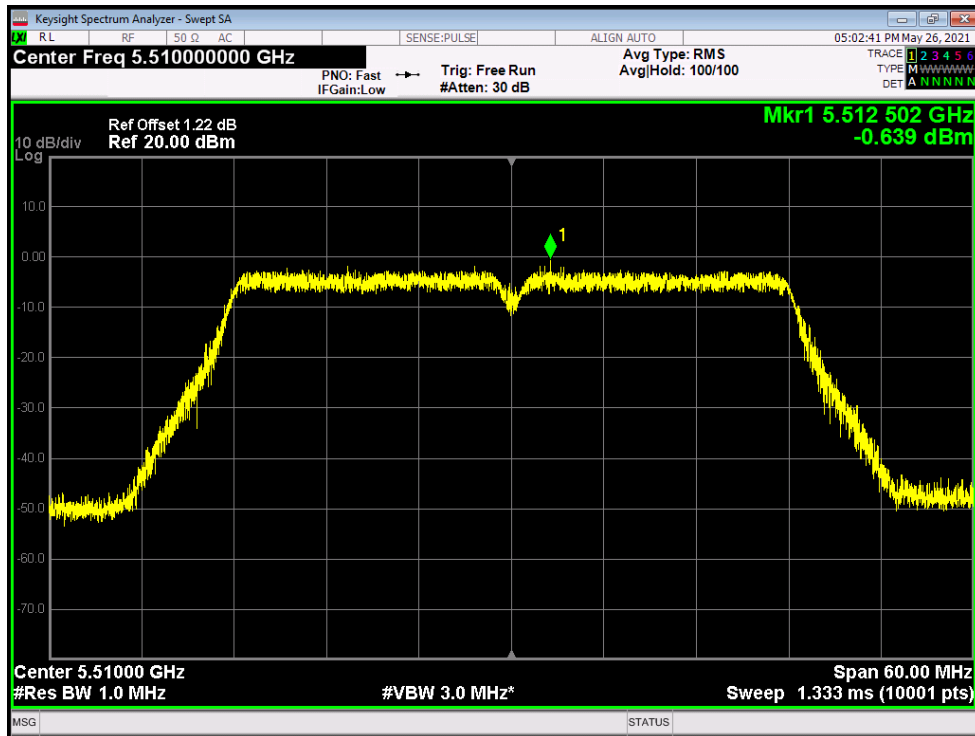
PSD NVNT ac40 5590MHz Ant1



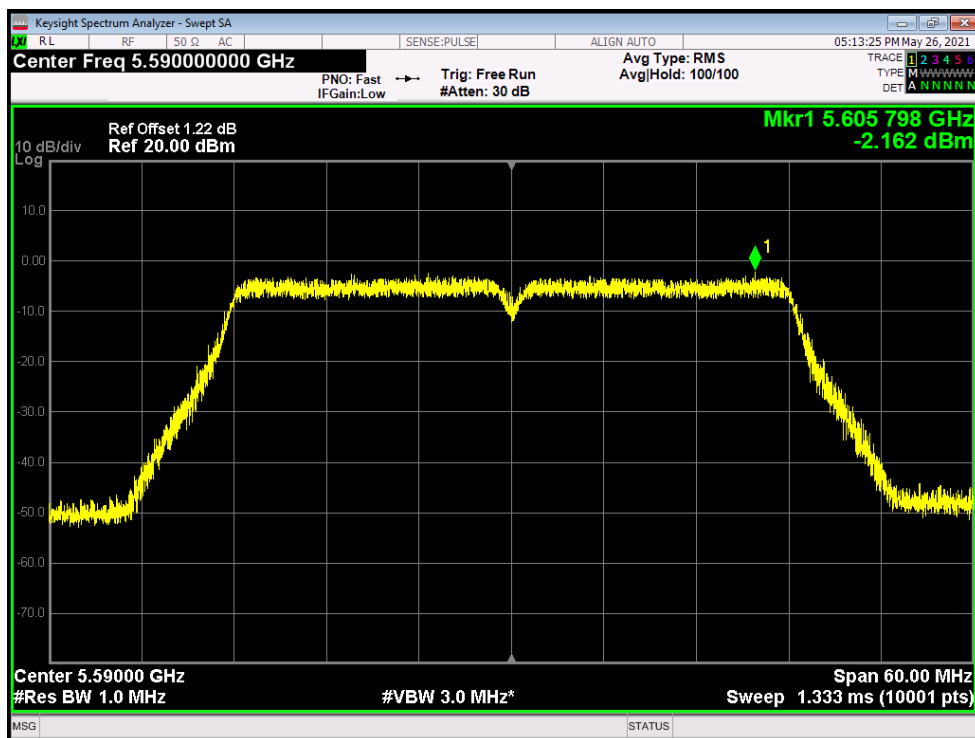
PSD NVNT ac40 5670MHz Ant1



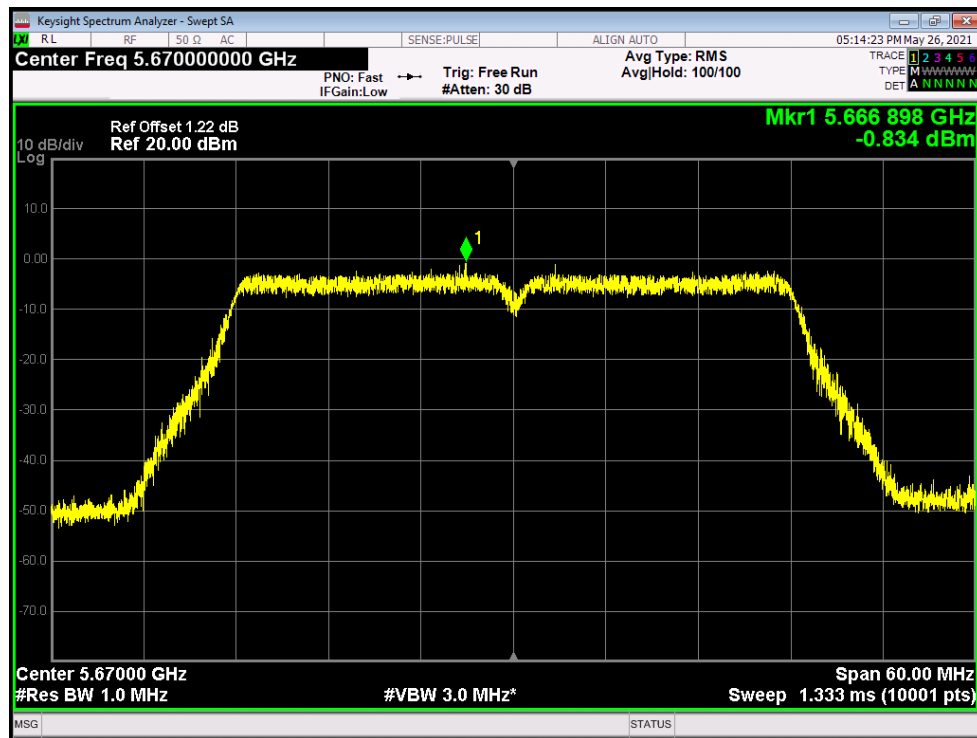
PSD NVNT ac40 5510MHz Ant2



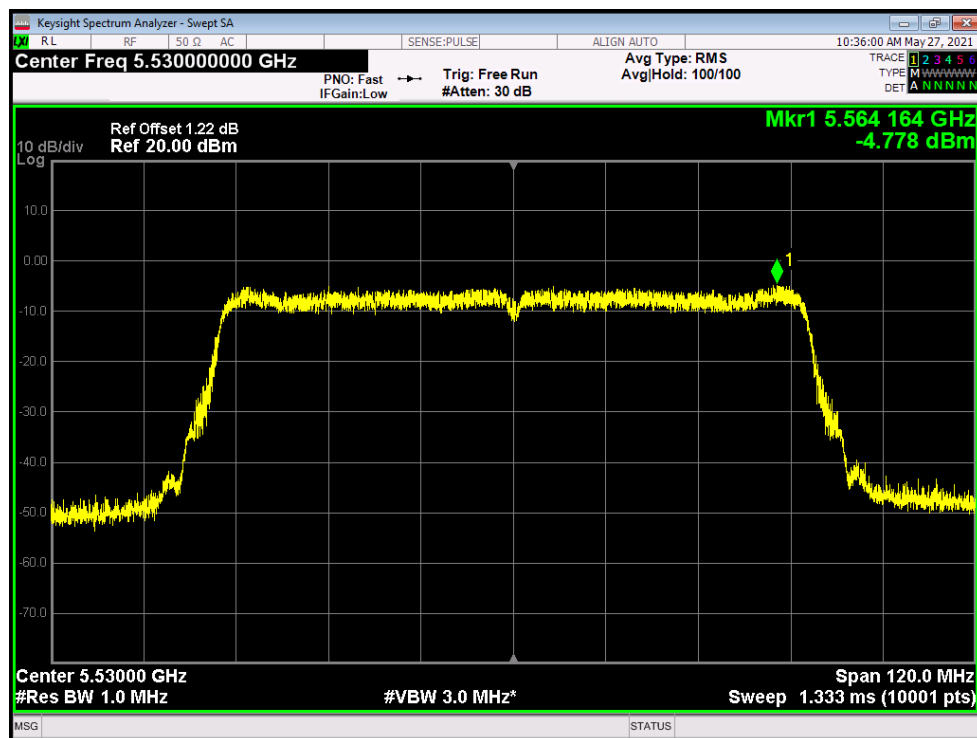
PSD NVNT ac40 5590MHz Ant2



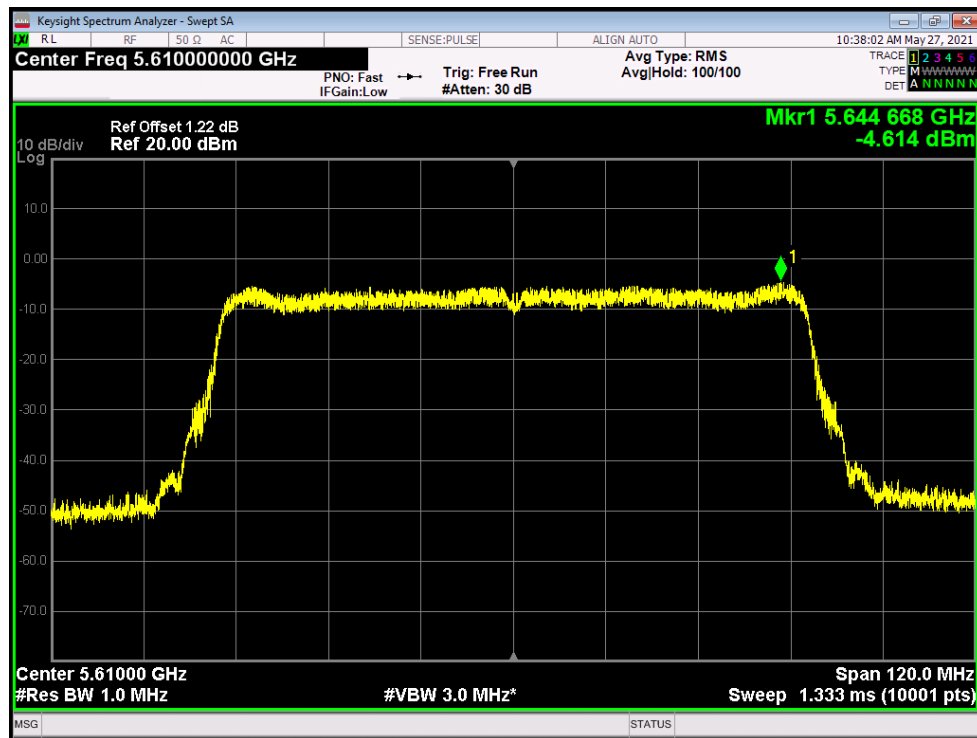
PSD NVNT ac40 5670MHz Ant2



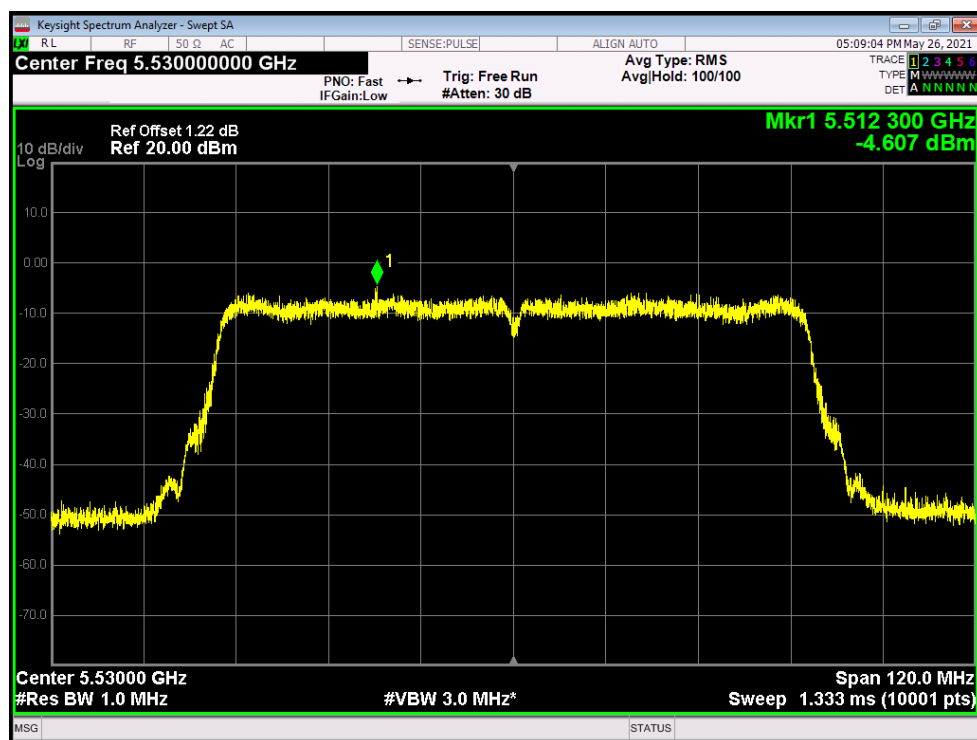
PSD NVNT ac80 5530MHz Ant1



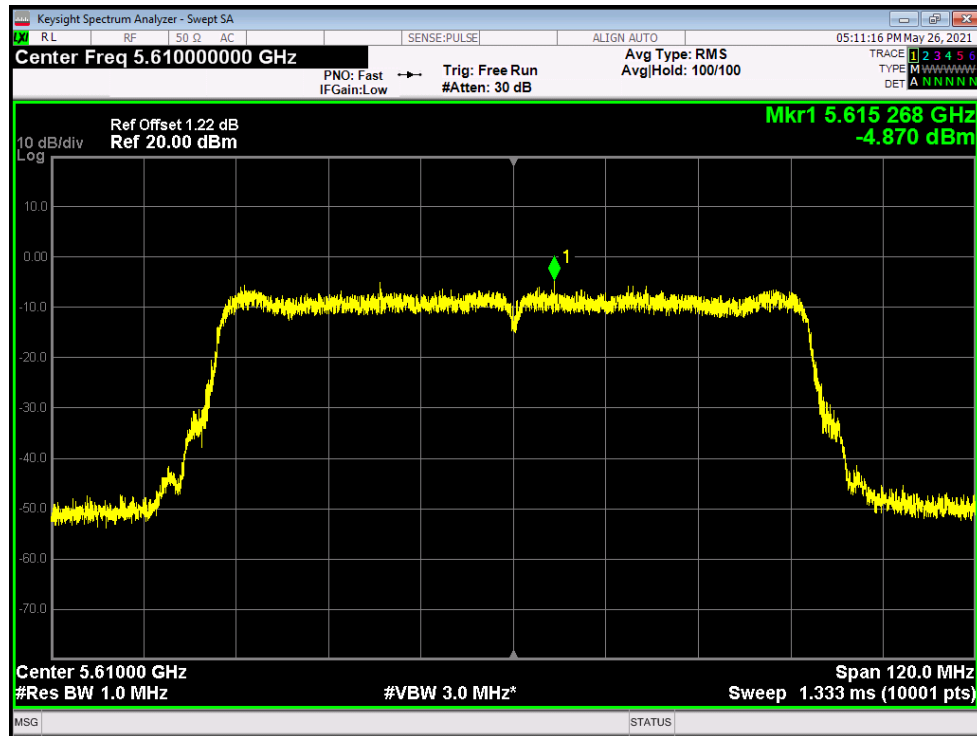
PSD NVNT ac80 5610MHz Ant1



PSD NVNT ac80 5530MHz Ant2



PSD NVNT ac80 5610MHz Ant2

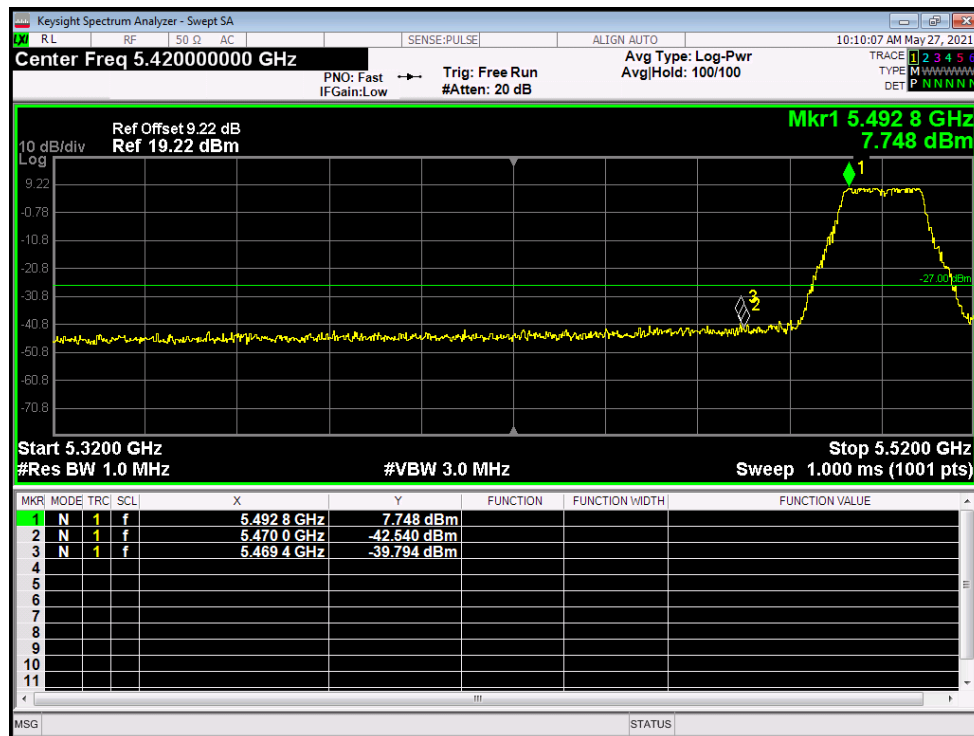


Band Edge

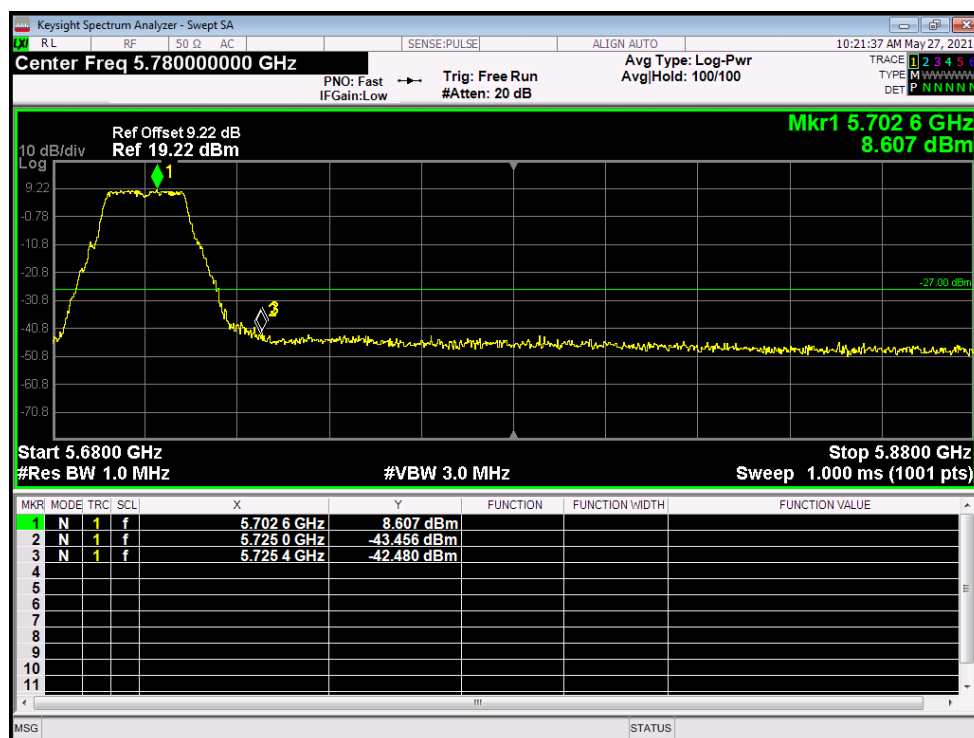
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5500	Ant1	-39.79	-27	Pass
NVNT	ac20	5700	Ant1	-42.47	-27	Pass
NVNT	ac20	5500	Ant2	-42.66	-27	Pass
NVNT	ac20	5700	Ant2	-41.18	-27	Pass
NVNT	ac40	5510	Ant1	-40.59	-27	Pass
NVNT	ac40	5670	Ant1	-41.53	-27	Pass
NVNT	ac40	5510	Ant2	-41.86	-27	Pass
NVNT	ac40	5670	Ant2	-40.43	-27	Pass
NVNT	ac80	5530	Ant1	-42.87	-27	Pass
NVNT	ac80	5610	Ant1	-43.17	-27	Pass
NVNT	ac80	5530	Ant2	-43.88	-27	Pass
NVNT	ac80	5610	Ant2	-45.48	-27	Pass

Note: The SISO margin is greater than 3db, the MIMO mode is meets the requirements. The offset contain the antenna gain.

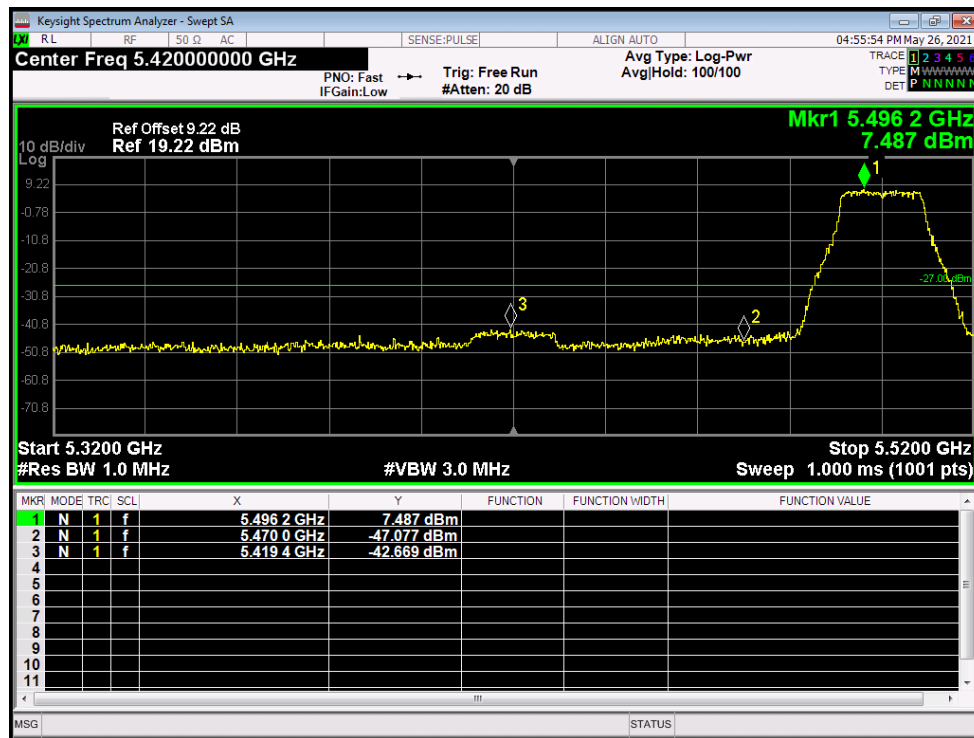
Band Edge NVNT ac20 5500MHz Low Ant1



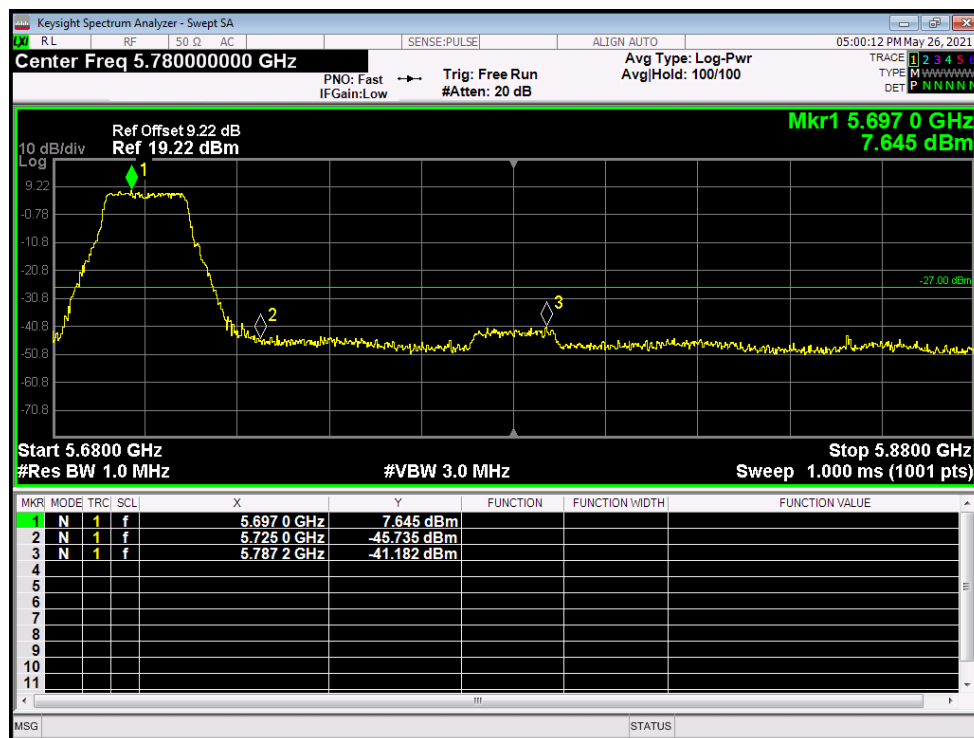
Band Edge NVNT ac20 5700MHz High Ant1



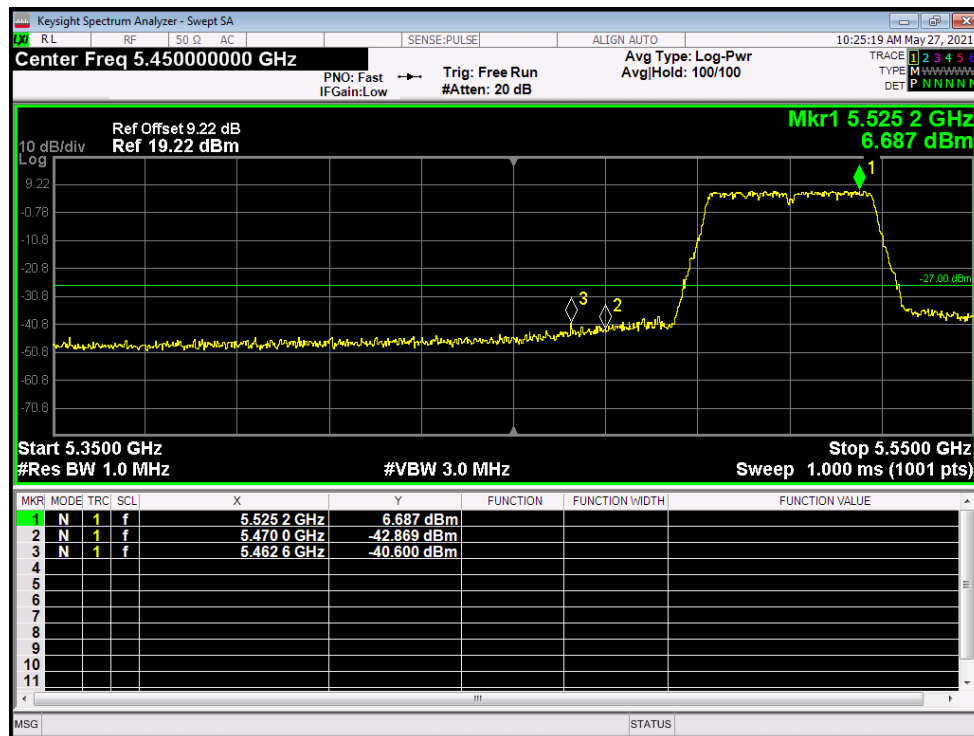
Band Edge NVNT ac20 5500MHz Low Ant2



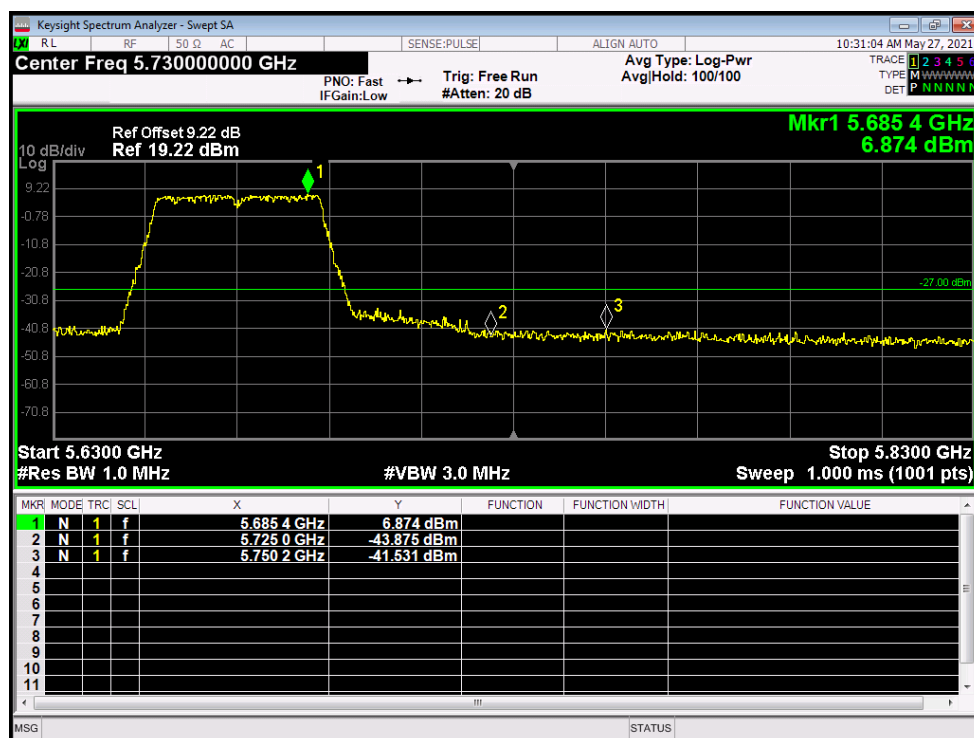
Band Edge NVNT ac20 5700MHz High Ant2



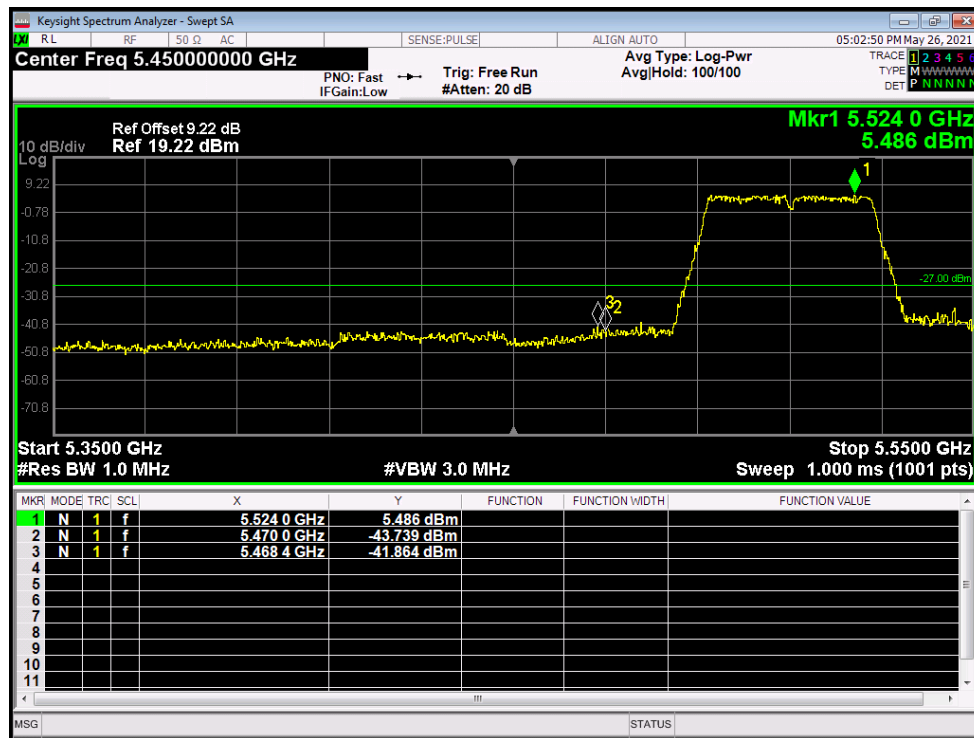
Band Edge NVNT ac40 5510MHz Low Ant1



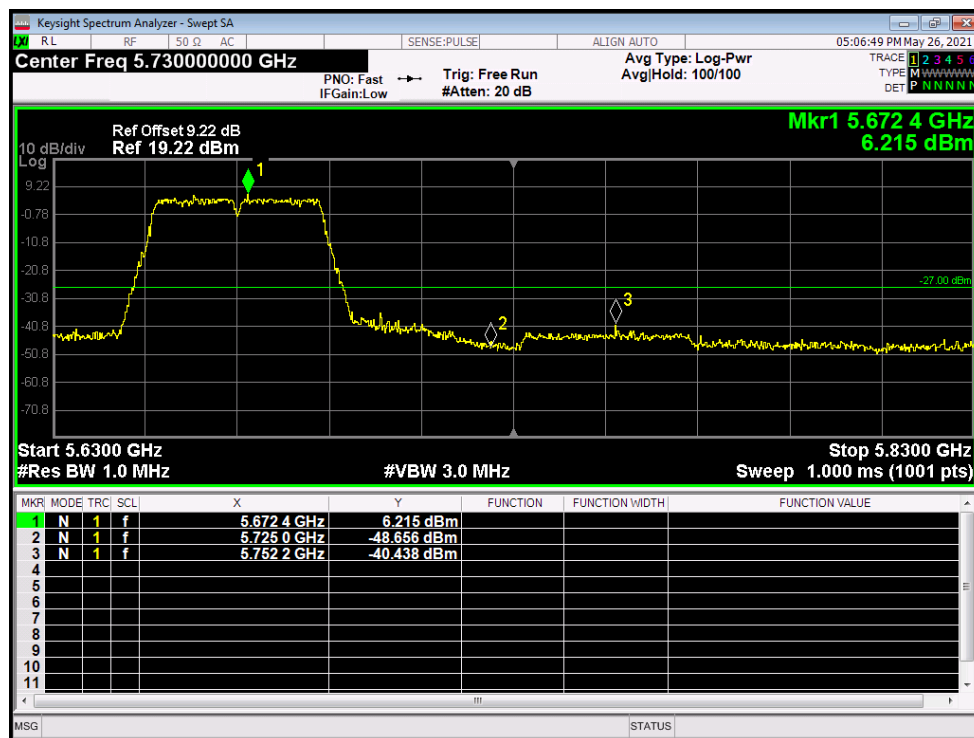
Band Edge NVNT ac40 5670MHz High Ant1



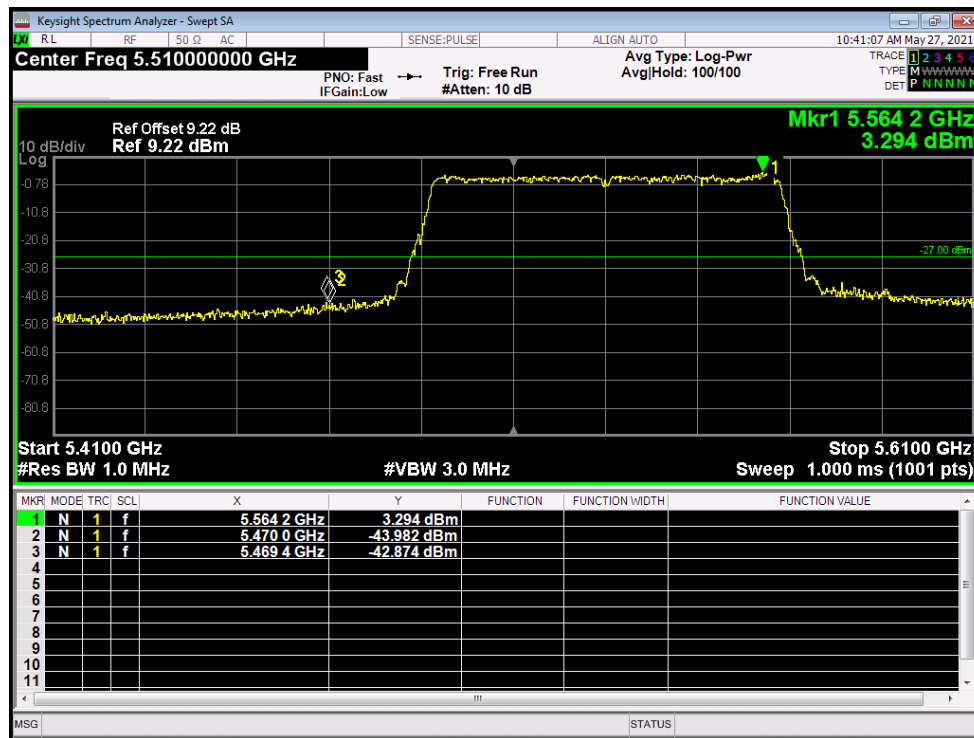
Band Edge NVNT ac40 5510MHz Low Ant2



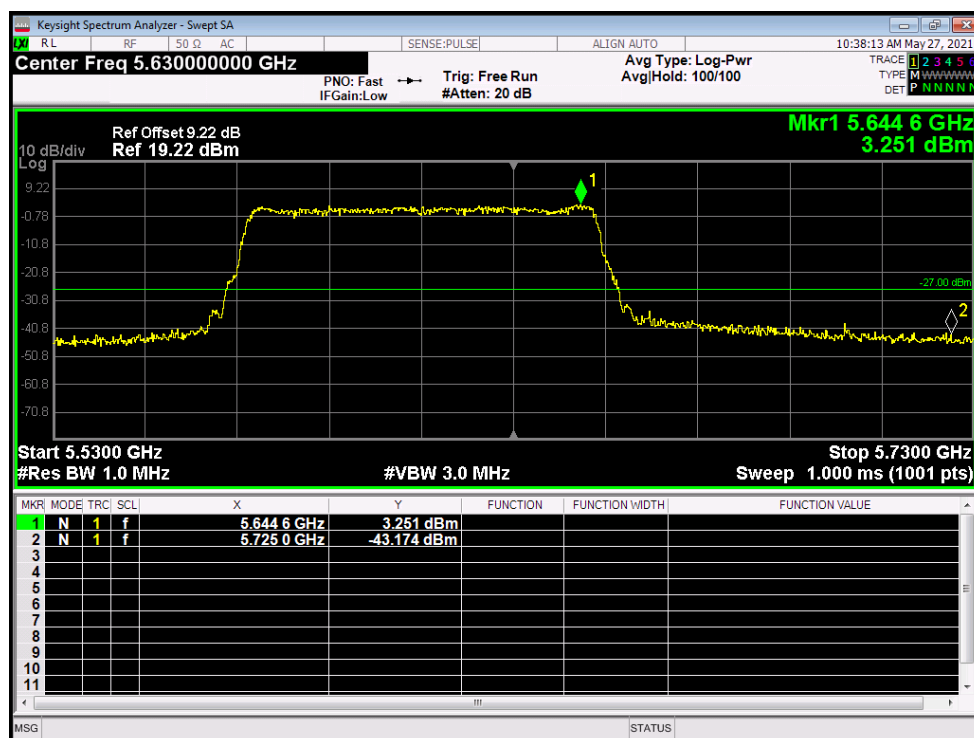
Band Edge NVNT ac40 5670MHz High Ant2



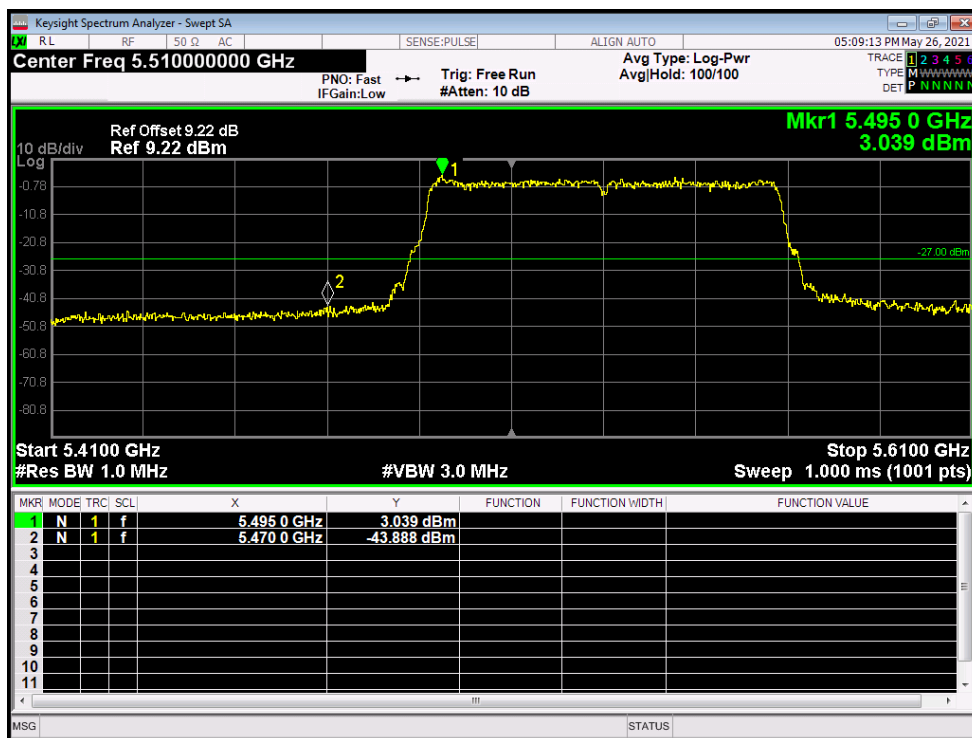
Band Edge NVNT ac80 5530MHz Low Ant1



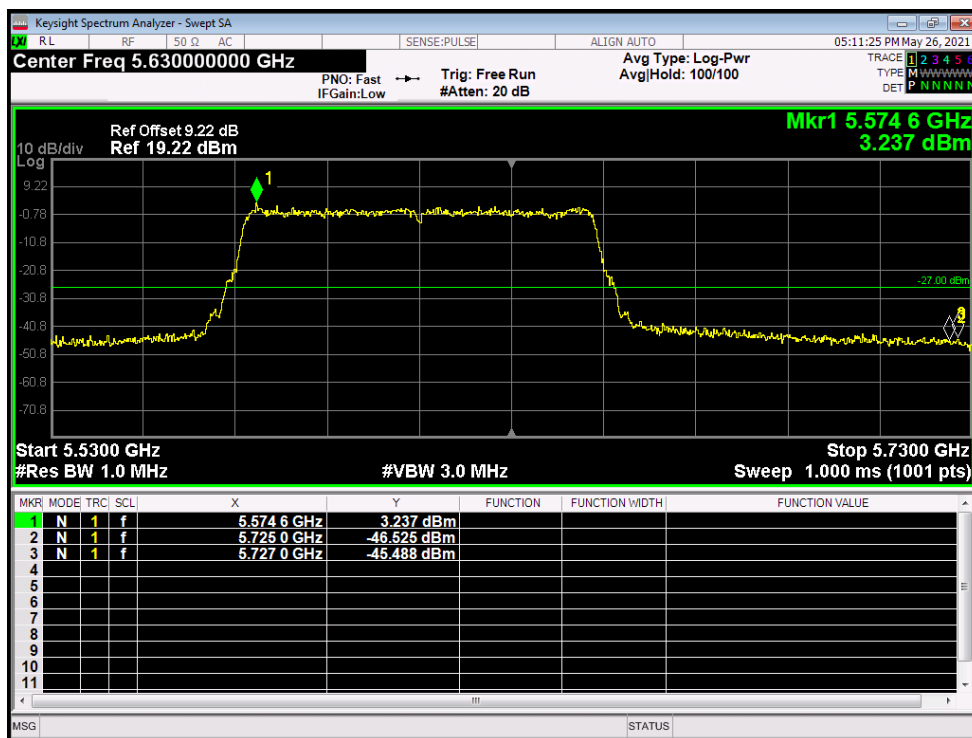
Band Edge NVNT ac80 5610MHz High Ant1



Band Edge NVNT ac80 5530MHz Low Ant2



Band Edge NVNT ac80 5610MHz High Ant2



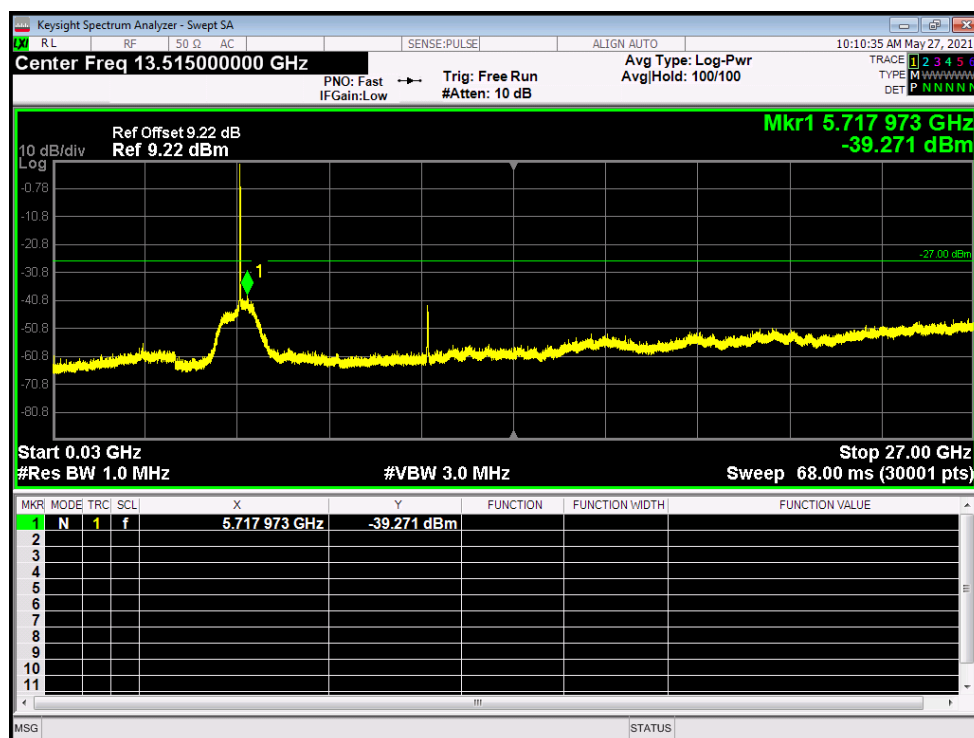
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5500	Ant1	-39.27	-27	Pass
NVNT	ac20	5600	Ant1	-39.28	-27	Pass
NVNT	ac20	5700	Ant1	-41.5	-27	Pass
NVNT	ac20	5500	Ant2	-41.81	-27	Pass
NVNT	ac20	5600	Ant2	-41.53	-27	Pass

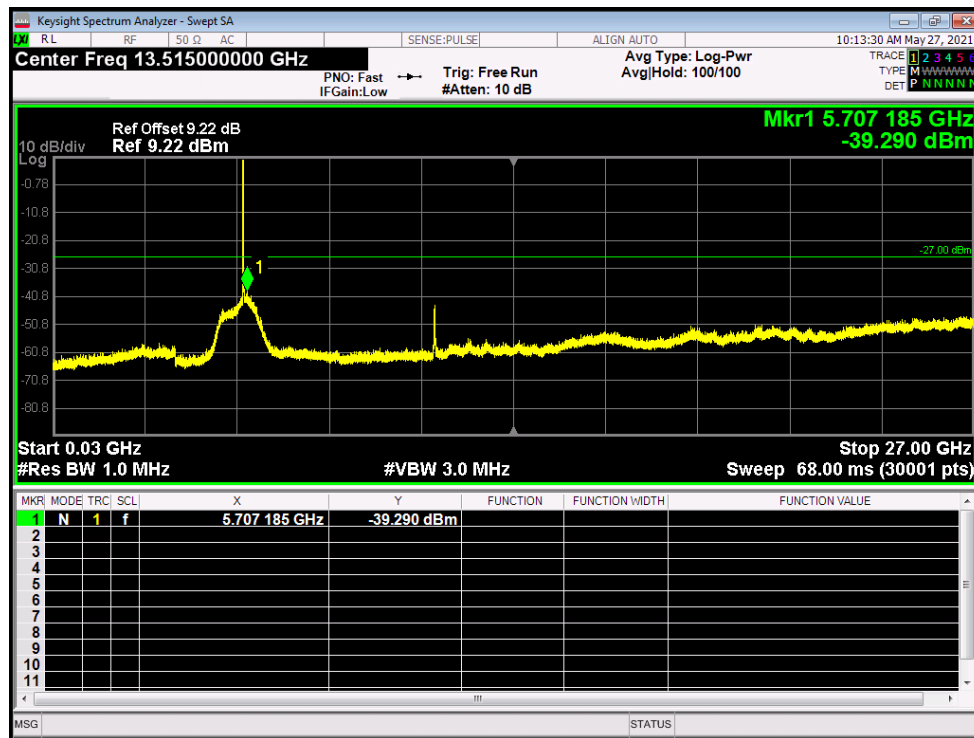
NVNT	ac20	5700	Ant2	-41.05	-27	Pass
NVNT	ac40	5510	Ant1	-43	-27	Pass
NVNT	ac40	5590	Ant1	-42.45	-27	Pass
NVNT	ac40	5670	Ant1	-43.17	-27	Pass
NVNT	ac40	5510	Ant2	-45.33	-27	Pass
NVNT	ac40	5590	Ant2	-45.7	-27	Pass
NVNT	ac40	5670	Ant2	-46.32	-27	Pass
NVNT	ac80	5530	Ant1	-45.05	-27	Pass
NVNT	ac80	5610	Ant1	-44.2	-27	Pass
NVNT	ac80	5530	Ant2	-47.04	-27	Pass
NVNT	ac80	5610	Ant2	-47.59	-27	Pass

Note: The SISO margin is greater than 3db, the MIMO mode is meets the requirements. The offset contain the antenna gain.

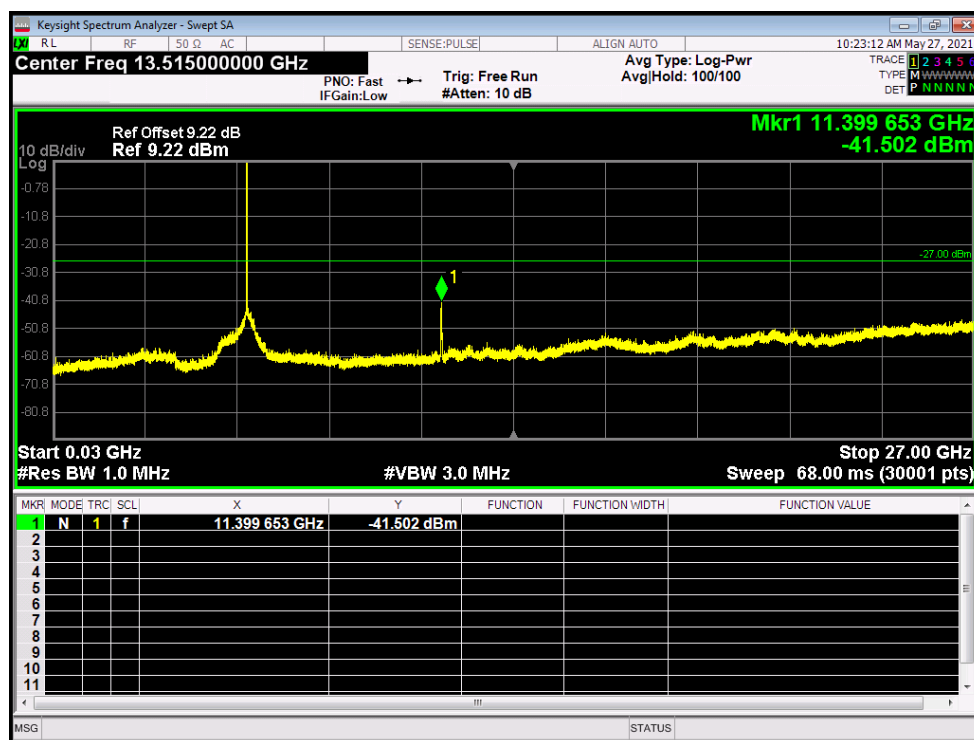
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



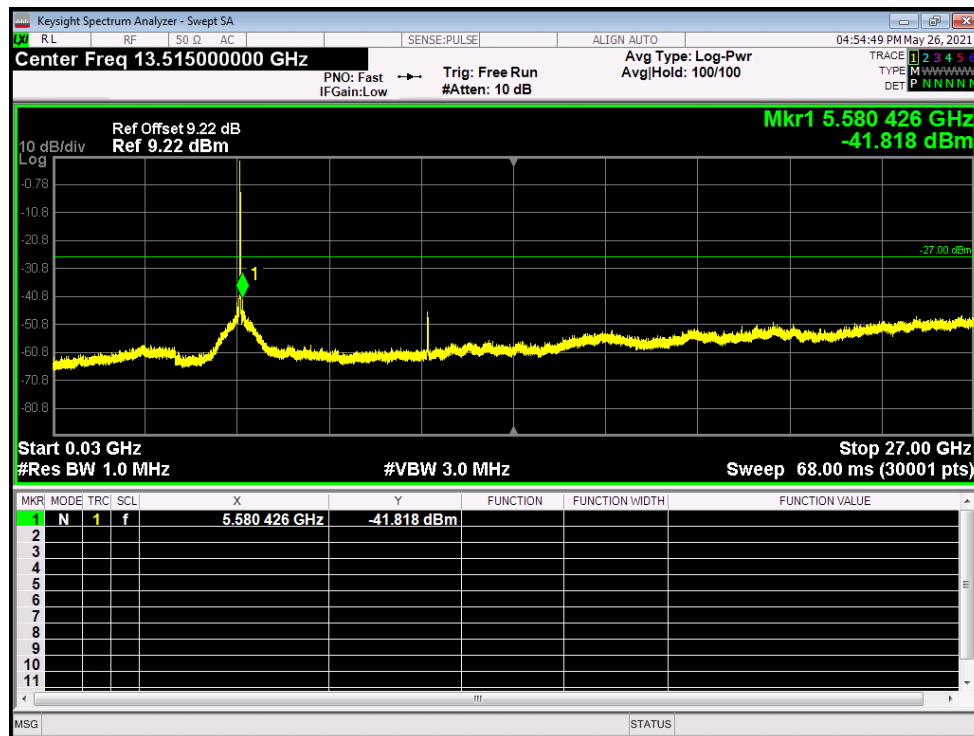
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



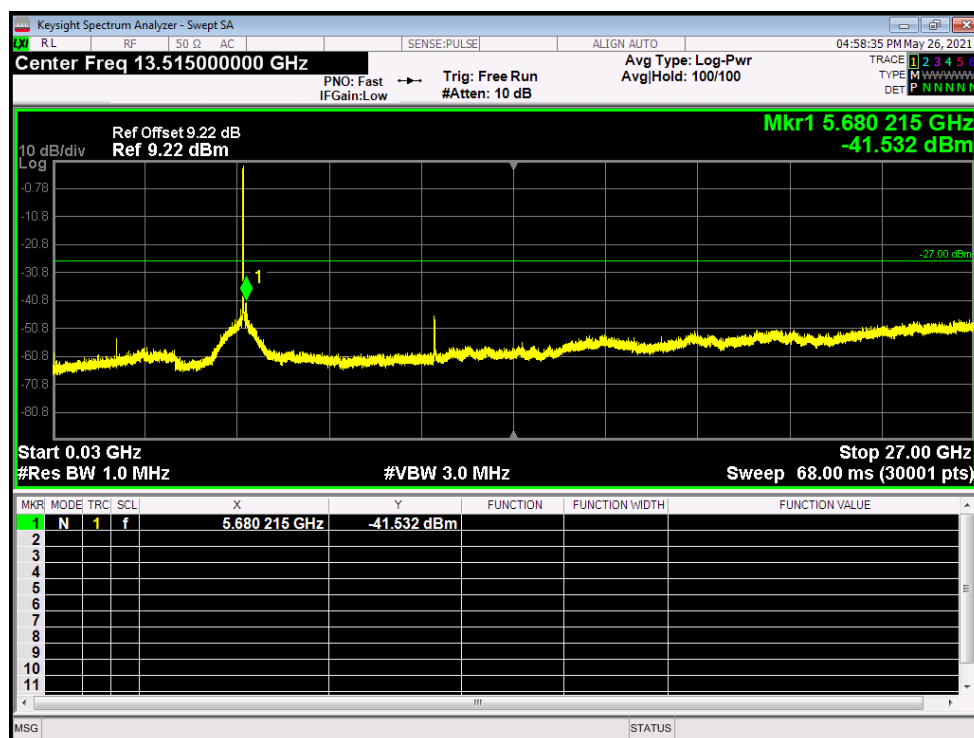
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



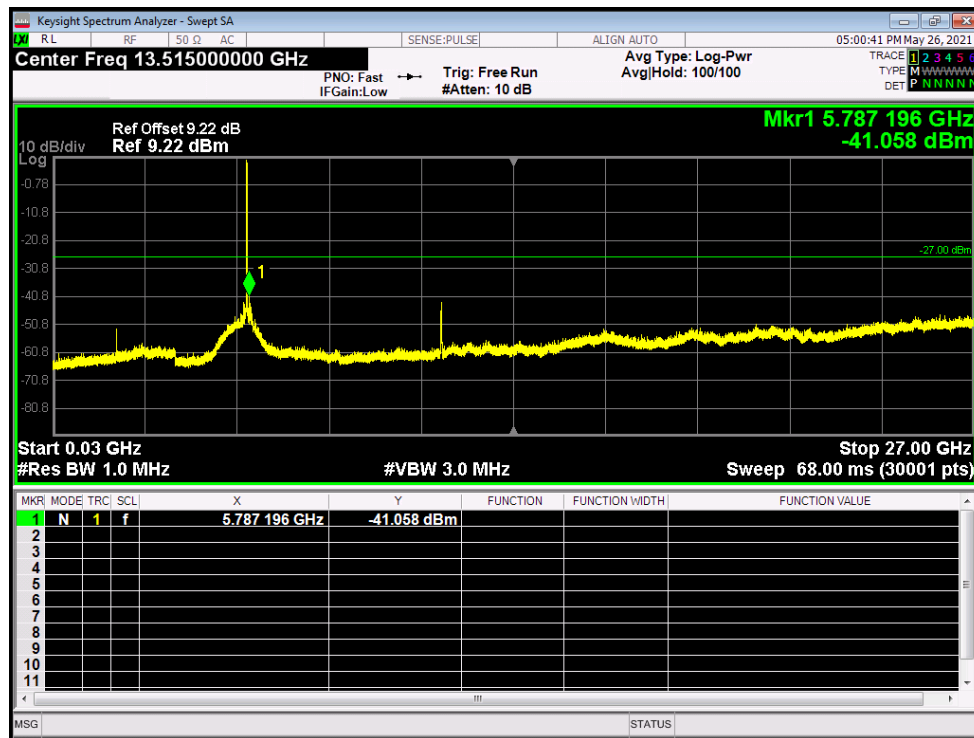
Tx. Spurious NVNT ac20 5500MHz Ant2 Emission



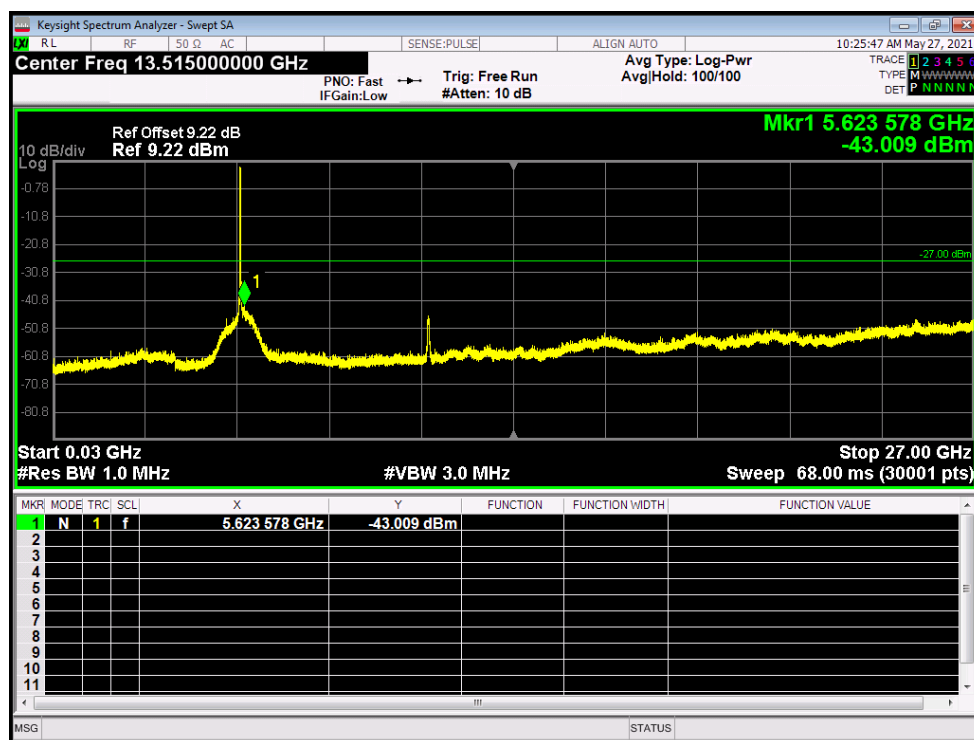
Tx. Spurious NVNT ac20 5600MHz Ant2 Emission



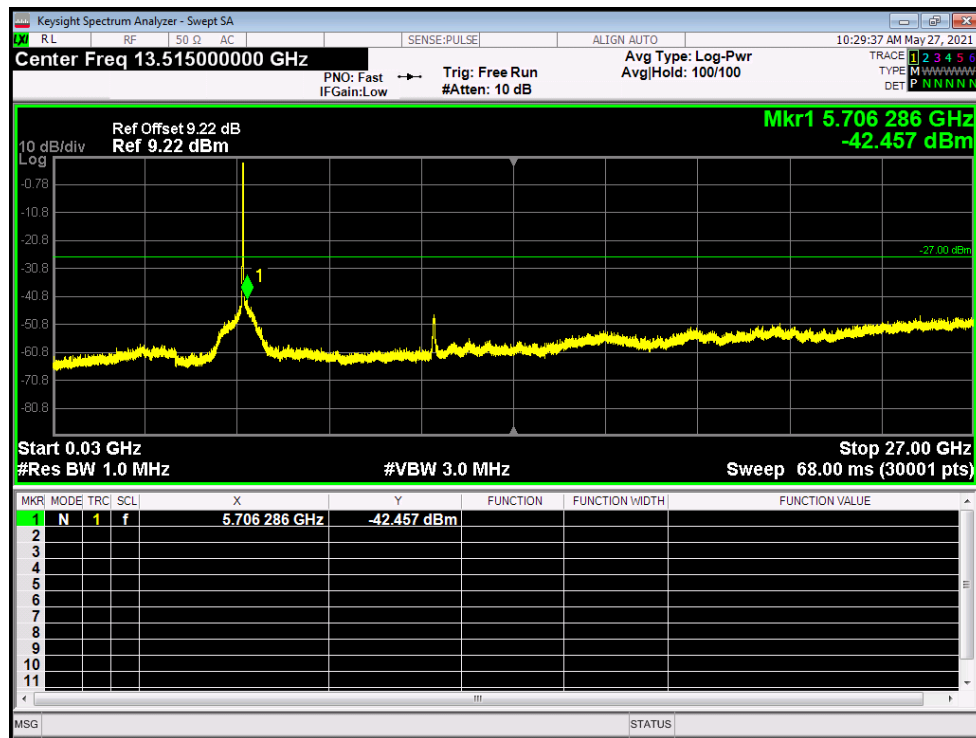
Tx. Spurious NVNT ac20 5700MHz Ant2 Emission



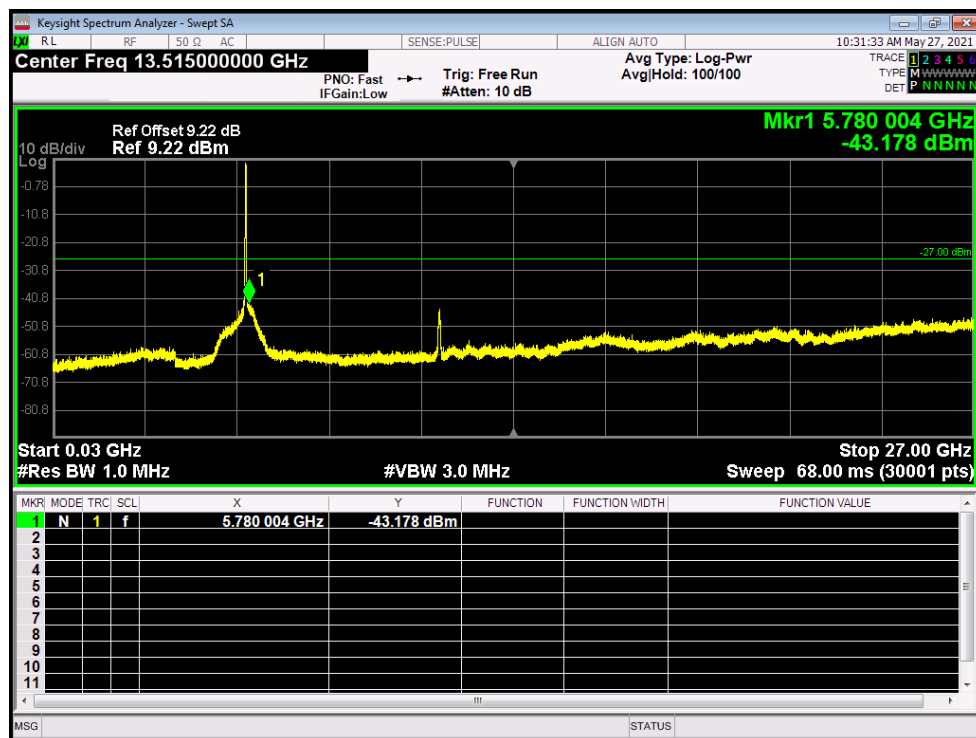
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



Tx. Spurious NVNT ac40 5590MHz Ant1 Emission



Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



Tx. Spurious NVNT ac40 5510MHz Ant2 Emission